

What do you want to get done?

# Stains & varnishes for painters & woodworking

All-round solutions

Digital brochures





## Premium coatings for painters & woodworking

# Overview

## **We get it done so that you can get things done \_\_\_\_\_ 04**

Wood: the natural material \_\_\_\_\_ 04

What can we get done for you? \_\_\_\_\_ 05

Why progress comes from getting it done \_\_\_\_\_ 06

## **Our product range \_\_\_\_\_ 08**

Impregnation agents \_\_\_\_\_ 08

Primers \_\_\_\_\_ 12

Low-build stains \_\_\_\_\_ 20

Medium-build stains \_\_\_\_\_ 26

High-build stains \_\_\_\_\_ 32

Weather protection paints, white & opaque coatings for wood, metal and plastic \_\_\_\_\_ 36

Interior wood finishing \_\_\_\_\_ 46

Supplementary products \_\_\_\_\_ 54

## **A dazzling array of colours \_\_\_\_\_ 66**

Design ideas for wooden surfaces \_\_\_\_\_ 67

Opaque and translucent colours \_\_\_\_\_ 68

## **Expertise and system solutions at a glance \_\_\_\_\_ 70**

Wood's natural enemies \_\_\_\_\_ 71

The durability of wood types \_\_\_\_\_ 72

Wood protection by design \_\_\_\_\_ 73

The system solutions \_\_\_\_\_ 74

System finder for outdoor and indoor solutions \_\_\_\_\_ 74

General tips on use \_\_\_\_\_ 78

Maintenance and care based on DIN EN 927 \_\_\_\_\_ 80

## **What makes Remmers special \_\_\_\_\_ 82**



## Wood: the natural material

### A much-loved material – and with good reason

#### **Wood: a living material**

Wood is a source of wellbeing in our living spaces. Leading architects and designers favour wood when creating buildings, and in particular in interior design, as it is a warm and natural material. Its increasing popularity is thanks to the atmosphere it creates and its unique appearance.

#### **Premium protection using nature's blueprint**

Trees have their own natural protection in the form of their bark. This stops the inside from drying out and, most importantly, protects the tree against the various forms of weather, such as sun, wind, rain, frost and heat.

We are committed to providing this natural protection in our products, even on wood used in construction, in the form of sophisticated coating systems. Wood, with its myriad structures and colours, provides the basis for our range of wood coatings for the professional trade.



# What can we get done for you?

Experience and expertise combined in every product

Our wood coatings have been a trusted solution for many years in the field of woodworking, in the timber industry, and in the wholesale paint trade.

The extensive range contains the perfect products and systems for virtually every substrate – from high-performance impregnations and universal primers to wood finishing stains and multi-functional all-in-one systems.

## Remmers is a leading provider in these areas:

- ✓ Coatings for timber construction and prefabs
- ✓ Water-based furniture paints
- ✓ Industrial wooden window coatings

We guarantee the utmost quality in every single coat of our products, all of which are made in Germany and tested to the very highest quality standards by independent institutes.



## The benefits for woodworkers, painters and paint wholesalers

- ✓ Guaranteed long-lasting product quality for wood and other substrates
- ✓ Products tested by renowned independent institutes
- ✓ Approved wood preservatives and other certified coating systems
- ✓ And more benefits that aren't just for wholesalers:
  - Streamlined range means lower warehousing costs
  - Colour can be tinted to specifications on site (solvent-based and water-based)
  - Innovative, easy-to-use product systems





# Why progress comes from getting it done

## Three technologies for optimum results



### **For you and together with you.**

We know from over 70 years of experience: Progress comes from getting things done. Success comes from getting things done. The future comes from getting things done. And this is why, over the years, we have evolved into a leading specialist for wood protection and finishing, with a presence throughout Europe. One of our main focal points has been solvent-based wood preservative stains, which have raised the bar again and again over the years.



### **Innovative, versatile water-based solutions**

With the Aqua coatings range for specialist traders, we are now going one step further: these products are a brand new generation of coatings with properties that, in many cases, vastly outstrip those of conventional solvent-based products. For optimum ease of application, we develop multi-functional products for a wide range of substrates.



### **We strive for sustainable development**

Sustainability is more than just a buzzword – it's a symbol of our responsibility to protect the natural world, create healthy living environments and ensure quality of life. This is reflected in our new range of low-emission [eco] products, which are based on renewable raw materials. Whether the products are used on wood indoors or outdoors, [eco] means low emissions and eco-friendly solutions. Choosing [eco] products means protecting not just your wood surfaces, but also global resources and our environment.



### **Innovation: 3in1 products save time and money**

With skilled workers in short supply, straightforward and reliable product systems are becoming particularly important. The logical consequence of this is our 3in1 products: these innovative, one-pot systems for a variety of applications help you save time, money and stress, since they often allow you to create the entire coating system and achieve a high-quality result with just one product.

# Impregnation agents



Impregnation agents from Remmers protect wood against fungi that can cause damage and discolouration. They also protect against insects and termites. In both water-based and solvent-based products alike, the active ingredients penetrate deeply into the wood and are suitable for all kinds of wood components, be they structures with no dimensional stability such as fences and framework, components with limited dimensional stability such as matchboarding and timber facades, or dimensionally stable components such as windows and doors.

**The benefits for you -  
the promise from us:**

- ✓ Reliability thanks to broad spectrum of activity
- ✓ Effective against blue stain, rot, insects and termites
- ✓ Practical application quantities and drying times

## Recommended products

### Impregnation agents



**Aqua IG-15**  
**Impregnation primer IT**

Liquid, water-based wood preservative with preventive efficacy against blue stain, rot, insects and termites



**IG-10**  
**Impregnation Primer IT**

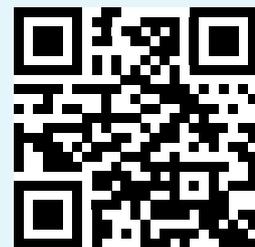
Liquid, solvent-based wood preservative with preventive efficacy against blue stain, rot, insects and termites

# Aqua IG-15 Impregnation Primer IT

Liquid, water-based wood preservative with preventive efficacy against blue stain, rot, insects and termites

Range of use	<ul style="list-style-type: none"> <li>For use on exterior wood</li> <li>Wood without ground contact as per DIN EN 335-1, classes 2 &amp; 3</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Load-bearing wood elements under roofs (e.g. trusses)</li> <li>Dimensionally stable wood elements (as a primer only): e.g. windows and doors</li> <li>Pre-treatment under translucent or opaque coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Preventive protection against wood-staining fungi (blue stain), wood-destroying fungi (rot), insects and termites</li> <li>Reduces spotting when used in combination with coloured primers</li> <li>Impregnated wood is compatible with all subsequent coatings</li> <li>Cost-effective thanks to low application rate</li> <li>Fast drying</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>100 ml/m<sup>2</sup>: for use against fungi, insects and termites</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 4 hours (practice values at 23 °C and 50% RH)</li> </ul>

Quantity per pallet	672	200	96	22
<b>Packaging unit</b>	3 × 0.75 l	2 × 2.5 l	5 l	20 l
	Tin bucket	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	01	03	05	20
<b>Art. no.</b>				
7145	clear	■	■	■



System products	Art. no.
Rofalin Acrylic	(2330)
Aqua OML-48/tm [eco]	(7710)
Aqua MSL-45/sm	(7130)
Aqua VL-66/sm	(7090)
Aqua OWF-68/tm [eco]	(7740)
Aqua ML-69/sm	(7250)
Aqua DL-65	(7200)
Aqua DSL-55	(7220)
Aqua HSL-35/m *	(7120)
Aqua AG-26 Universal Primer	(7147)

\*Use biocides safely. Always read the label and product information before use.



# IG-10 Impregnation Primer IT

Liquid, solvent-based wood preservative with preventive efficacy against blue stain, rot, insects and termites

Range of use	<ul style="list-style-type: none"> <li>For use on exterior wood</li> <li>Wood without ground contact as per DIN EN 335-1, classes 2 &amp; 3</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Load-bearing wood elements under roofs (e.g. trusses)</li> <li>Dimensionally stable wood elements (as a primer only): e.g. windows and doors</li> <li>Pre-treatment under translucent or opaque coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Preventive protection against wood-staining fungi (blue stain), wood-destroying fungi (rot), insects and termites</li> <li>Resistant to swelling, regulates moisture</li> <li>Impregnated wood is compatible with all subsequent coatings</li> <li>Cost-effective thanks to low application rate</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Paintbrush (natural bristles), flat brush, dipping tank, spraying tunnel</li> <li>Clean tools immediately after use with V 101 thinner. Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Preventive protection against blue stain, rot, insects and termites at 150 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 24 hours (practice values at 20 °C and 65% RH)</li> </ul>



		84	50	22
<b>Quantity per pallet</b>				
<b>Packaging unit</b>		5 l	10 l	20 l
		Tin canister	Tin canister	Tin bucket
<b>Container code</b>		05	10	20
<b>Art. no.</b>				
7144	clear	■	■	■
7142	light brown			■
7143	dark brown			■

System products	Art. no.
AG-20 Universal Primer	(7150)
VL-60/sm	(7170)
HSL-30/m*	(7100)
MSL-40/sm	(7240)

\*Use biocides safely. Always read the label and product information before use.

OUR PRODUCT RANGE

# Primers



Our primers ensure that subsequent coatings adhere perfectly to the substrate. Depending on the desired surface finish, the individual primers used perform the necessary tasks, such as acting as an adhesive primer with rust protection, sealing off substances in the wood, or brightening weathered and discoloured wood.

**The benefits for you -  
the promise from us:**

- ✓ Excellent adhesion on a wide range of substrates
- ✓ Compact range with broad spectrum of application
- ✓ Coating systems designed to work together perfectly

## Recommended products

### Primers



**Aqua AG-26  
Universal Primer**

Water-based adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood



**AG-20  
Universal Primer**

Solvent-based adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood, for outdoor use



**Aqua RG-27  
Renovation Primer**

Water-based special primer for lightening weathered and discoloured wood

# Primer table

The perfect primer for every substrate

Criterion	Aqua AG-26 Universal Primer	AG-20 Universal Primer	Aqua RG-27 Renovation Primer
<b>Base</b>	water-based	solvent-based	water-based
<b>Corrosion protection</b>	C3 long	C3 long	
Fast drying	■		■
Can be used in cold weather		■	
Can be used indoors	■		
High stability	■		
Film preserver		■	
<b>Range of use</b>			
Rigid PVC/PUR/polyester	■	■	
Load-bearing old coatings	■	■	■
Acrylic	■	■	
Melamine resin coatings (HPL/CPL)	■	■	
Wood	■	■	
Problematic wood: hevea	■	■	
Exotic wood species	■	■	
Iron/steel	■	■	
Zinc/galvanised steel*	■	■	
Aluminium**	■	■	
Copper	■	■	
Brass	■	■	
Discoloured wood			■
Powder coatings	■		
<b>Colours</b>			
white	■	■	
grey	■		
red brown	■		
spruce			■

\* Not for anodised aluminium

\*\* Not on freshly galvanised steel



# Aqua AG-26 Universal Primer

Adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood

Range of use	<ul style="list-style-type: none"> <li>Primer and intermediate coat</li> <li>Metal substrates, e.g. (galvanised) steel, aluminium, copper, brass</li> <li>Rigid plastics</li> <li>For use on interior and exterior wood</li> <li>Wood with high levels of active substances such as ash, hevea, oak, whitewood/yellow poplar</li> <li>Solid wood &amp; veneer</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Excellent adhesion to the substrate</li> <li>Corrosion protection C3 long as per DIN EN ISO 12944-6</li> <li>Reduces yellow discolouration of light topcoats caused by substances in the wood</li> <li>Can be overcoated with many products (see system products)</li> <li>Low solvent, environmentally compatible, mild odour</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush, foam roller, airmix/airless sprayer, flow cup gun</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Adhesive primer: 1 × 100 ml/m<sup>2</sup></li> <li>Corrosion protection/sealing off substances in wood: 2 × 100 ml/m<sup>2</sup></li> <li>Sealing filler for interior wood: 2 × 200 – 250 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>Dust-dry: after approx. 1 hour</li> <li>Sanding: approx. 4 hours</li> <li>Overcoating: approx. 6 hours</li> </ul>



Quantity per pallet		672	200	96	30	22
Packaging unit		<b>0.75 l</b>	<b>2.5 l</b>	<b>5 l</b>	<b>10 l</b>	<b>20 l</b>
		Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code		01	03	05	10	20
Art. no.						
7147	white	■	■	■	■	■
7148	grey		■		■	
7149	red brown		■			

System products	Art. no.
Rofalin Acrylic	(2330)
Aqua VL-66/sm	(7090)
Aqua OWF-68/tm [eco]	(7740)
Aqua DL-65	(7200)
Aqua IG-15*	(7145)
Induline SW-910	(3777)

\*Use biocides safely. Always read the label and product information before use.



# AG-20 Universal Primer

Adhesive primer for metals, rigid plastics & wood, protects against rust & seals off substances in wood, for exterior use

Range of use	<ul style="list-style-type: none"> <li>■ For use on exterior wood</li> <li>■ Wood containing high levels of substances that can cause staining &amp; exotic wood (e.g. Bangkirai, Moabi, Massaranduba, Kasai, Kambala, Framire, Hevea, Sapele, Sipo, Meranti, oak, ash)</li> <li>■ Primer and intermediate coat</li> <li>■ Dimensionally stable wood building elements: e.g. windows and doors</li> <li>■ Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>■ Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>■ Rigid plastics</li> <li>■ Metal substrates, e.g. (galvanised) steel, aluminium, copper, brass</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Excellent adhesion to the substrate</li> <li>■ Reduces yellow discolouration of light topcoats caused by substances in the wood</li> <li>■ Film preserver protects against microbial damage</li> <li>■ Good edge coverage</li> <li>■ Very good covering power</li> <li>■ High degree of pore filling</li> <li>■ Corrosion protection</li> <li>■ Can be overcoated with many products (see system products)</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>■ Paintbrush with natural bristles, flat brush, foam roller, airmix/airless sprayer, flow cup gun</li> <li>■ Clean tools immediately after use with V 101 thinner</li> <li>■ Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>■ Adhesive primer/sealing off substances in the wood: 80 – 100 ml/m<sup>2</sup> depending on the substrate</li> <li>■ Corrosion protection: 2 × 100 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>■ After approx. 12 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
VL-60/sm	(7170)
Rofalin Acrylic Plus	(2329)
IG-10*	(7144)
Rofalin Acrylic	(2330)

\*Use biocides safely. Always read the label and product information before use.

<b>Quantity per pallet</b>	<b>200</b>	<b>22</b>
<b>Packaging unit</b>	<b>2.5 l</b>	<b>20 l</b>
	Tin bucket	Tin bucket
<b>Container code</b>	03	20
<b>Art. no.</b>		
7150	white	■ ■

# Aqua RG-27 Renovation Primer

Special primer for lightening weathered and discoloured wood

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Maintenance and evening out greyed and spotted wood surfaces</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Weatherproof and moisture-regulating</li> <li>Fast drying</li> <li>Good coverage with just one coat</li> <li>Excellent adhesion to the substrate</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush</li> <li>Dispose of cleaning residues correctly.</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 100 ml/m<sup>2</sup> depending on the absorbency of the wood.</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 3 hours (practice values at 20 °C and 65% RH)</li> </ul>



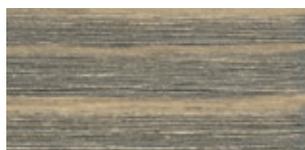
<b>Quantity per pallet</b>	<b>200</b>
<b>Packaging unit</b>	<b>2.5 l</b>
	Tin bucket
<b>Container code</b>	03
<b>Art. no.</b>	
7146	spruce

System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua OML-48/tm [eco]	(7710)
Aqua DSL-55	(7220)
Aqua IG-15*	(7145)
MSL-40/sm	(7240)
Induline SW-910	(3777)

\*Use biocides safely. Always read the label and product information before use.

## Application example:

Quick renovation of weathered and discoloured wood



discoloured wood



Aqua RG-27  
spruce



Aqua MSL-45/sm  
light oak (RC-365)



OUR PRODUCT RANGE

# Low-build stains



Our 3in1 wood protection stains consist of a high-quality wood preservative impregnation, primer and stain all in one product. This offers a wealth of advantages for the user: Only one product is needed, which speeds up application while reducing the material costs per m<sup>2</sup> – and all these benefits come in the form of a tested and approved wood preservative.

3in1 products provide naturally matt and breathable protection that guards the wood against moisture, UV radiation, blue stain, soft rot, nesting wasps, mould and algae.

The pre-greying stain OVL-49/tm [eco] is made from renewable raw materials, is highly versatile and creates a seamless transition to the natural greying that occurs on wood over time.

**The benefits for you - the promise from us:**

- ✓ Only one product needed for the complete coating system
- ✓ Saves time and money
- ✓ Long service life
- ✓ Easy renovation without sanding

## Recommended products

### 3in1 wood protection stains and pre-greying treatment



**3in1 protection stains**

**HSL-30/m**  
Premium 3in1 wood protection stain

Solvent-based premium wood preservative stain with increased efficacy for professional use



**HSL-32/m**  
Premium 3in1 wood protection stain

Solvent-based, hydrophobic, biocide-free premium wood protection stain to reduce susceptibility to wood discolouration



**Aqua HSL-35/m**  
Premium 3in1 wood protection stain

Water-based, quick-drying premium wood protection stain for professional use



**Grey stain**  
**Aqua OVL-49/tm**  
Grey Stain Oil [eco]

Decorative, water-based pre-greying stain for interior and exterior wood

# HSL-30/m 3in1 Wood Protection Stain

Solvent-based premium wood protection stain with increased efficacy for professional use

Range of use	<ul style="list-style-type: none"> <li>Exterior wood &amp; no ground contact as per DIN EN 335-1, classes 2 &amp; 3</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Dimensionally stable wood (as a primer only): e.g. windows and doors</li> <li>Primer, intermediate coat and finishing coat</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Low-build stain</li> <li>3in1: impregnation, primer and stain</li> <li>Preventive protection against: Moisture, UV radiation, rot, blue stain, mould, algae and nesting wasps</li> <li>Penetrates deep into the wood</li> <li>Breathable</li> <li>Brilliant colours</li> <li>Does not flake</li> <li>Subsequent treatment without sanding</li> <li>Matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Paintbrush with natural bristles, flat brush, dipping tank, flow coating facility, spraying system (closed)</li> <li>Clean tools immediately after use with V 101 thinner</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Preventive action against blue stain and rot at 205 – 250 ml/m<sup>2</sup> in at least 2 coats</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 12 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
MSL-40/sm	(7240)
IG-15*	(7144)
Induline SW-910	(3777)

\*Use biocides safely. Always read the label and product information before use.



Quantity per pallet		672	200	96	30	22
Packaging unit		0.75 l	2.5 l	5 l	10 l	20 l
		Tin bucket				
Container code		01	03	05	10	20
Art. no.						
7100	clear**	■	■	■	■	■
7101	light oak (RC-365)		■	■		■
7102	pine (RC-270)		■	■		■
7103	pine/larch (RC-260)		■	■		■
7104	rustic oak (RC-360)		■	■		■
7105	teak (RC-545)		■	■		■
7106	mahogany (RC-565)			■		
7107	nutwood (RC-660)		■	■		■
7108	palisander (RC-720)		■	■		■
7109	silver grey (RC-970)		■	■		■
7110	white (RC-990)		■	■		■
7111	chestnut (RC-555)		■	■		■
7112	graphite grey (FT-25416)		■	■		■
7113	platinum grey (FT-26788)		■	■		■
7114	special colour		■	■	■	■

\*\*Does not protect against UV radiation (grey discolouration). Therefore, this product should only be used on wood in sheltered areas (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is required in an exposed outdoor area, apply several layers and top up regularly.

# HSL-32/m 3in1 Wood Protection Stain

Hydrophobic, biocide-free premium wood protection stain to reduce susceptibility to wood discolouration

Range of use	<ul style="list-style-type: none"> <li>For use on exterior wood</li> <li>Wood without ground contact as per DIN EN 335-1, classes 1, 2 and 3</li> <li>Wood elements that come into contact with skin: e.g. chairs, tables, benches, swings, climbing frames etc.</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Primer, intermediate coat and finishing coat</li> <li>For professional users</li> <li>Not suitable for coating floors (terraces, wooden decking etc.)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Biocide-free low-build stain</li> <li>3in1: impregnation, primer and stain</li> <li>Preventive, physical protection against: moisture, UV and nesting wasps</li> <li>Impregnation effect: Saturates the wood to protect against moisture</li> <li>Diffusion-open protective film: moisture can escape</li> <li>Water-repellent: wet surfaces dry quickly</li> <li>Protection against weather conditions (structural wood protection and moisture protection of the product) reduces the risk of development of blue stain and rot.</li> <li>Long-term protection: uniform weathering and no flaking</li> <li>Subsequent treatment without sanding</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Paintbrush with natural bristles, flat brush</li> <li>Clean tools immediately after use with V 101 thinner. Dispose of cleaning residues correctly.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 180 ml – 250 ml/m<sup>2</sup> in min. 2–3 coats</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 12 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
IG-15*	(7145)
Induline SW-910	(3777)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	672	200	96	22
Packaging unit	0.75 l	2.5 l	5 l	20 l
	Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code	01	03	05	20
<b>Art. no.</b>				
7280	clear	■	■	■
7282	light oak (RC-365)	■	■	■
7283	nutwood (RC-660)	■	■	■
7284	pine/larch (RC-260)	■	■	■
7285	palisander (RC-720)	■	■	■
7286	silver grey (RC-970)	■	■	■
7287	teak (RC-545)	■	■	■
7281	special colour		■	■



\*\*Does not protect against UV radiation (grey discolouration). Therefore, this product should only be used on wood in sheltered areas (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is required in an exposed outdoor area, apply several layers and top up regularly.

# Aqua HSL-35/m 3in1 Wood Protection Stain

Water-based, quick-drying premium wood protection stain for professional use

Range of use	<ul style="list-style-type: none"> <li>For use on exterior wood</li> <li>Wood without ground contact as per DIN EN 335-1, classes 2 and 3</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Dimensionally stable wood elements (as a primer only): e.g. windows and doors</li> <li>Primer, intermediate coat and finishing coat</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Low-build stain</li> <li>3in1: impregnation, primer and stain</li> <li>Protects wood against moisture and has a preventive effect against blue stain fungi</li> <li>Protection against weather conditions (structural wood protection and moisture protection of the product) reduces the risk of development of blue stain and rot.</li> <li>High solids content provides physical protection against nesting wasps</li> <li>Film protection against mould and algae</li> <li>Water-based: No unpleasant odours, tools can be cleaned with water</li> <li>Fast drying: 2 coats in one day</li> <li>Subsequent treatment without sanding</li> <li>Long-term protection: uniform weathering and no flaking</li> <li>Matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush, board coating machine</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Preventive action against blue stain at 197 – 216 ml/m<sup>2</sup> in at least 2 coats</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>Dust-dry: after approx. 1 hour</li> <li>Overcoating: after approx. 2 - 3 hours</li> </ul>



System products	Art. no.
Aqua MSL-45/sm	(7130)
Induline SW-910	(3777)
Aqua DSL-55	(7220)
Aqua IG-15*	(7145)
Aqua OML-48/tm [eco]	(7710)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	672	200	96	30	22
Packaging unit	0.75 l	2.5 l	5 l	10 l	20 l
	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code	01	03	05	10	20
<b>Art. no.</b>					
7120	clear**	■	■	■	■
7121	light oak (RC-365)		■	■	■
7122	pine (RC-270)		■	■	■
7123	pine/larch (RC-260)		■	■	■
7124	teak (RC-545)		■	■	■
7125	nutwood (RC-660)		■	■	■
7126	palisander (RC-720)		■	■	■
7127	silver grey (RC-970)		■	■	■
7128	white (RC-990)		■		■
7119	base M		■		
7129	special colour		■	■	■

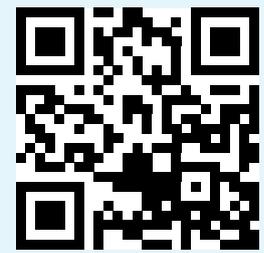


\*\*Does not protect against UV radiation (grey discolouration). Therefore, this product should only be used on wood in sheltered areas (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is required in an exposed outdoor area, apply several layers and top up regularly.

# Aqua OVL-49/tm Grey Stain Oil [eco]

Water-based grey stain made from renewable raw materials for interior and exterior wood

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wooden bee boxes, beehives and other wood elements used in beekeeping</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Natural grey tones for wood</li> <li>Long-lasting, even colour in exposed and sheltered areas</li> <li>Made from renewable raw materials: min. 80%</li> <li>Tested bee-friendly formula</li> <li>Water-based, very low solvent content</li> <li>Non-drip</li> <li>Good flow properties</li> <li>Cloth matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush,</li> <li>Flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate.</li> <li>Dispose of cleaning residues correctly.</li> <li>Textiles saturated with the product may self-ignite. Soak in water and collect and store under water in fireproof waste bins.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 60 ml/m<sup>2</sup> per coat min. 2 coats</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 8 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua HSL-35/m	(7120)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	200	96	22
<b>Packaging unit</b>	<b>2 × 2.5 l</b>	<b>5 l</b>	<b>20 l</b>
	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	03	05	20
<b>Art. no.</b>			
3214	clear	■	■
3213	base M	■	
3215	Special colours	■	■



## Block colours

Subtle pre-graying



water grey FT20924



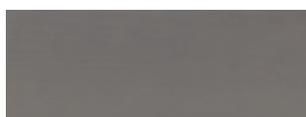
silver grey RC-970



granite grey FT20923



misty grey FT20930



ore grey FT20929

## Metallic colours

Pre-graying with a pronounced patina



graphite grey FT25416



reed RC-961



sage RC-971



quartz grey RC-972



platinum grey FT26788

**Note:** The colours shown in this brochure have been scanned very carefully in order to reflect the original as closely as possible. However, minor variations between the original and the photo are possible. Therefore, the product must always be tested on a trial area prior to coating so that the colour can be assessed.

OUR PRODUCT RANGE

# Medium-build stains



The most effective way to protect particularly valuable wood components, such as matchboarding, garden furniture, windows and doors, is to use our film-forming stains. These create easy-care surfaces that can last longer between maintenance and renovation work. They provide especially good protection against moisture and UV radiation for dimensionally stable wood, and wood with limited dimensional stability. Conventional stained surfaces get darker every time a top-up coat is applied. For long-lasting brightness, Aqua MSL-45/sm and MSL-40/sm in the colour clear UV+ also act as a sacrificial layer that is replaced during maintenance. This significantly decreases the rate at which the colour darkens.

**The benefits for you -  
the promise from us:**

- ✓ Long-lasting protection for valuable components
- ✓ Anti-drip for easy application
- ✓ Block resistant: also for windows and doors

## Recommended products

### Medium-build stains



**Aqua MSL-45/sm  
Medium Build Stain UV+**

Decorative, water-based medium-solid gel stain with very high UV protection for universal use on exterior wood and interior surfaces



**Aqua OML-48/tm  
Medium Build Oil  
Stain [eco]**

Water-based stain made from renewable raw materials for interior and exterior wood, seals off substances in exterior wood



**MSL-40/sm  
Medium Build Stain UV+**

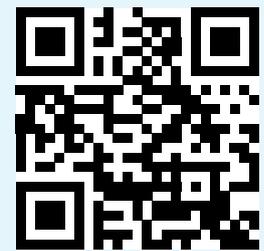
Decorative, solvent-based medium-build stain with very high UV protection and film preserver for universal use on exterior wood



# Aqua MSL-45/sm Medium Build Stain UV+

Decorative, water-based medium-solid gel stain with very high UV protection for universal use on exterior and interior wood

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Finishing coat on impregnated wood, e.g. garden furniture</li> <li>Clear UV+ can also be used as a sacrificial layer over pigmented variants to prevent the wood from darkening</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Non-drip</li> <li>Weather-resistant and UV-resistant</li> <li>High UV protection even with light colours and clear UV+</li> <li>Silk matt</li> <li>Dirt-repellent and easy to maintain</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Good flow properties</li> <li>Free from film-preserving and wood-preserving biocides</li> <li>Elastic</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 100 ml/m<sup>2</sup> per coat</li> <li>Pigmented: 2 coats</li> <li>Clear UV+: 3 coats</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 4 hours (practice values at 20 °C and 65% RH)</li> </ul>



Quantity per pallet	672	200	96	22
<b>Packaging unit</b>	<b>0.75 l</b>	<b>2.5 l</b>	<b>5 l</b>	<b>20 l</b>
	Tin bucket	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	01	03	05	20
<b>Art. no.</b>				
7130	clear UV+	■	■	■
7131	light oak (RC-365)		■	■
7132	pine (RC-270)		■	■
7133	pine/larch (RC-260)		■	■
7134	teak (RC-545)		■	■
7136	nutwood (RC-660)		■	■
7137	palisander (RC-720)		■	■
7139	white (RC-990)		■	■
7140	special colour		■	■

System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua RG-27	(7146)
Aqua HSL-35/m	(7120)
Aqua OZA-90	(5320)

\*Use biocides safely. Always read the label and product information before use.



# Aqua OML-48/tm Medium Build Oil Stain [eco]

Water-based stain made from renewable raw materials for interior and exterior wood

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Wooden bee boxes, beehives and other wood elements used in beekeeping</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Water-based, very low solvent content</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Non-drip</li> <li>Good flow properties</li> <li>Weather-resistant and UV-resistant</li> <li>Made from at least 80% renewable raw materials</li> <li>Tested bee-friendly formula</li> <li>Cloth matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush,</li> <li>Flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate.</li> <li>Dispose of cleaning residues correctly.</li> <li>Textiles saturated with the product may self-ignite. Soak in water and collect and store under water in fireproof waste bins.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 60 ml/m<sup>2</sup> per coat min. 2 coats</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 8 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua RG-27	(7146)
Aqua HSL-35/m	(7120)
Aqua PL-413	(2374)

\*Use biocides safely. Always read the label and product information before use.

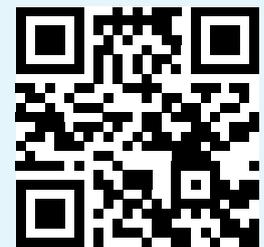
Quantity per pallet	96	22
<b>Packaging unit</b>	<b>5 l</b>	<b>20 l</b>
	Tin bucket	Tin bucket
<b>Container code</b>	05	20
<b>Art. no.</b>		
7710	clear	■
7716	special colours	■



# MSL-40/sm Medium Build Stain UV+

Decorative, solvent-based medium-build stain with very high UV protection and film preservative for universal use on exterior wood

Range of use	<ul style="list-style-type: none"> <li>For use on exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors (including their interior surfaces)</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Clear UV+ can also be used as a sacrificial layer over pigmented variants to prevent the wood from darkening</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Non-drip</li> <li>Good flow properties</li> <li>Film protection against mould and algae</li> <li>Weather-resistant and UV-resistant</li> <li>High UV protection thanks to special binder</li> <li>Dirt-repellent and easy to maintain</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Cobalt-free</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Paintbrush with natural bristles, flat brush</li> <li>Clean tools immediately after use with V 101 thinner. Dispose of cleaning residues correctly.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>1st coat: 100 ml/m<sup>2</sup></li> <li>2nd coat: 60 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 12 hours (practice values at 20 °C and 60% RH)</li> </ul>



System products	Art. no.
IG-10	(7144)
Aqua RG-27	(7146)
HSL-30/m	(7100)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	672	200	96	22	
<b>Packaging unit</b>	<b>0.75 l</b>	<b>2.5 l</b>	<b>5 l</b>	<b>20 l</b>	
	Tin bucket	Tin bucket	Tin bucket	Tin bucket	
<b>Container code</b>	01	03	05	20	
<b>Art. no.</b>					
7240	clear UV+	■	■	■	■
7246	special colour		■	■	■



OUR PRODUCT RANGE

# High-build stains



Dimensionally stable wood building elements must retain this high level of dimensional stability in order to ensure problem-free use. As has always been the case, high-build stains are the best way to achieve this, since they protect components from direct and indirect weathering over the long term. Our product solutions are especially durable and boast outstanding levelling properties. Their high PU content also gives them excellent mechanical resistance.

**The benefits for you -  
the promise from us:**

- ✓ Excellent flow properties
- ✓ Very good weathering protection
- ✓ Especially resistant thanks to high PU content

## Recommended products

### High-build stains



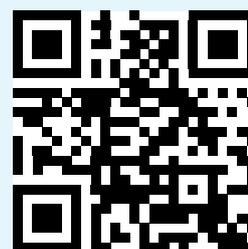
**Aqua DSL-55  
High Build Stain PU**

Water-based high-build stain with very good levelling properties for windows, doors and other high-value wood elements

# Aqua DSL-55 High Build Stain PU

Water-based high-build stain with very good self-levelling for windows, doors & other high-value wood elements

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Intermediate and final coat</li> <li>Can also be used as a maintenance coat</li> <li>Not suitable for coating floors (terraces, wooden decking etc.)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Resistant to yellowing</li> <li>Easy to apply</li> <li>Weatherproof and moisture-regulating</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Durable, dirt repelling, hard-wearing</li> <li>Excellent flow properties</li> <li>Highly elastic</li> <li>With UV blocker</li> <li>Excellent adhesion on old coatings as a renovation coat</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush,</li> <li>flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 100 ml/m<sup>2</sup> per coat</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 4 hours (practice values at 20 °C and 65% RH)</li> </ul>



Quantity per pallet		672	200
Packaging unit		0.75 l	2.5 l
		Tin bucket	Tin bucket
Container code		01	03
<b>Art. no.</b>			
<b>Aqua DSL-55/matt</b>			
7220	clear	■	■
7221	special colour	■	■
<b>Aqua DSL-55/silk gloss</b>			
7210	clear	■	■
7211	light oak (RC-365)	■	■
7212	pine/larch (RC-260)	■	■
7213	teak (RC-545)	■	■
7214	nutwood (RC-660)	■	■
7215	palisander (RC-720)	■	■
7216	special colour	■	■

System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua RG-27	(7146)
Aqua HSL-35/m	(7120)
Aqua OZA-90	(5320)

\*Use biocides safely. Always read the label and product information before use.





OUR PRODUCT RANGE

# Weather protection paints, white & opaque coatings for wood, metal and plastic



Our highly pigmented weather protection paints and varnishes are right on trend. And with good reason: Their versatile range of use and ease of application mean they offer almost limitless possibilities. Thanks to their excellent protective function, the time between maintenance intervals can be maximised. Whether used for corrosion protection on metal, or a sealing effect on wood, our opaque coatings set new standards while reducing complexity on building sites and in workshops.

**The benefits for you - the promise from us:**

- ✓ Efficient coating (one-pot system)
- ✓ High opacity
- ✓ Extremely durable

## Recommended products

Weather protection paints, white & coloured varnishes for wood, metal and plastics



**Aqua ML-69/sm**  
**3in1 Multi-Purpose Varnish**  
 Water-based all-in-one coating system for metals, rigid plastics and wood, with tested corrosion protection and sealing action against substances in wood



**Aqua VL-66/sm**  
**Opaque Coating 3in1**  
 Water-based one-pot coating system with sealing action for wooden structures with any dimensional stability



**VL-60/sm**  
**Opaque Coating 3in1**  
 Solvent-based one-pot coating system with sealing action for high-value wooden structures



**Rofalin Acrylic (Plus)**  
 Weather protection paint (plus: with film protection) for exterior and interior wood and other substrates



**Aqua DL-65**  
**Opaque PU Coating**  
 Water-based, opaque coating for windows, doors and other high-value wood elements



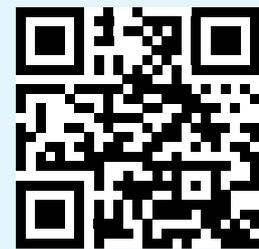
**Aqua OWF-68/tm**  
**Weather Protection Oil Finish [eco]**  
 Water-based opaque paint made from renewable raw materials for interior and exterior wood

# Aqua ML-69/sm Multi Coat 3in1

Water-based all-in-one coating system for metals, rigid plastics and wood, with tested corrosion protection and sealing action against substances in wood

Range of use	<ul style="list-style-type: none"> <li>■ Interiors and exteriors</li> <li>■ Primer, intermediate and finishing coat</li> <li>■ Metal substrates: Iron, (galvanised) steel, non-anodised aluminium &amp; zinc</li> <li>■ Metal components: e.g. fences, frames, railing, downpipes, corrugated sheet metal, metal shuttering, radiators</li> <li>■ Rigid plastics: Rigid PVC, PUR, acrylic, melamine resin &amp; HPL</li> <li>■ Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>■ Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>■ Not suitable for floors</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Excellent adhesion to the substrate</li> <li>■ Corrosion protection C3 long/C4 mod. as per DIN EN ISO 12944-6</li> <li>■ Inhibits rust from screws &amp; nail heads</li> <li>■ Seals off substances in the wood</li> <li>■ Resistant to yellowing and chalking</li> <li>■ Good edge coverage</li> <li>■ Does not attract dirt</li> <li>■ Excellent resistance to weathering</li> <li>■ Low solvent, environmentally compatible, mild odour</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>■ Acrylic paintbrush, microfibre paint roller</li> <li>■ Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>■ Dispose of cleaning residues correctly.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>■ Bare ferrous metals: 2-3 × 100-120 ml/m<sup>2</sup></li> <li>■ Rigid plastics, non-ferrous metal and intact old coatings: 2-3 × 100-120 ml/m<sup>2</sup></li> <li>■ Wood: 2-3 × 100-120 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>■ After approx. 6 hours (practice values at 20 °C and 65% RH)</li> </ul>

Quantity per pallet		672	200	96	22
Packaging unit		0.75 l	2.5 l	5 l	20 l
		Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code		01	03	05	20
Art. no.					
7250	white (RAL 9016)	■	■	■	■
7251	Special colours	■	■	■	■
015214	Base C (pre-filling: 95%)	■	■	■	■
015215	Base M (pre-filling: 98%)	■	■	■	



System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua HSL-35/m	(7120)
Aqua OZA-90	(5320)
Aqua VA-092	(7249)

\*Use biocides safely. Always read the label and product information before use.



**On wood**



**On metal**



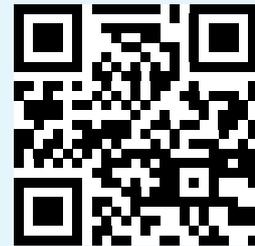
**On plastic**



# Aqua VL-66/sm Venti Coat 3in1

Water-based one-pot coating system with sealing action for high-value wooden structures

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>On many more substrates with Aqua AG-26 Universal Primer</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Water-based</li> <li>Primer, intermediate coat and finishing coat in one product</li> <li>Ventilating effect</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Thermally stable and resistant to yellowing</li> <li>Silk matt</li> <li>Seals off substances in the wood</li> <li>Inhibits rust from screws &amp; nail heads</li> <li>Very good resistance to weathering and chalking</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush, foam roller,</li> <li>flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>100 – 120 ml/m<sup>2</sup> per coat</li> <li>2 coats needed to seal off substances in the wood</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 6 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua HSL-35/m	(7120)
Aqua OZA-90	(5320)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet		672	200	96	22
Packaging unit		0.75 l	2.5 l	5 l	20 l
		Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code		01	03	05	20
<b>Art. no.</b>					
7090	white (RAL 9016)	■	■	■	■
7091	anthracite grey (RAL 7016)		■	■	
7096	special colour	■	■	■	■
015097	Base A	■	■	■	■
015099	Base C	■	■	■	■



# VL-60/sm Opaque Coating 3in1

Solvent-based one-pot coating system with sealing action for high-value wooden structures

Range of use	<ul style="list-style-type: none"> <li>For use on exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Primer, intermediate coat and finishing coat</li> <li>Biocide-free finishing coat on impregnated wood, e.g. garden furniture</li> <li>Can also be used as a maintenance coat</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>High total solids for high opacity</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Ventilating effect</li> <li>Free of aromatic compounds</li> <li>Resistant to yellowing</li> <li>Easy to apply</li> <li>Good edge coverage</li> <li>Weatherproof and moisture-regulating</li> <li>Seals off substances in the wood</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Paintbrush with natural bristles, mohair roller, foam roller, airmix/airless spraying equipment</li> <li>Clean tools immediately after use with V 101 thinner.</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 50 – 70 ml/m<sup>2</sup> per coat</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 12 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
IG-10	(7144)
AG-20	(7150)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	672	200	96
<b>Packaging unit</b>	<b>0.75 l</b>	<b>2.5 l</b>	<b>5 l</b>
	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	01	03	05
<b>Art. no.</b>			
7170	white (RAL 9016)	■	■
7171	special colour	■	■



# Rofalin Acrylic (Plus)

Weather protection paint for exterior and interior wood and other substrates.

'Plus' variant contains film preserver for exterior use.

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>(Rofalin Acrylic Plus: for exterior use only)</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Zinc roof gutters and sheet metal</li> <li>Many other substrates</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Highly opaque</li> <li>Rofalin Acrylic Plus: with film preserver</li> <li>Does not flake</li> <li>Alkali-resistant, including on mineral substrates</li> <li>Weatherproof and moisture-regulating</li> <li>Low solvent, environmentally compatible, mild odour</li> <li>Fast drying</li> <li>Scrub-proof</li> <li>Matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush, foam roller</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>2 x approx. 80-100 ml/m<sup>2</sup></li> <li>If pre-treating with Aqua AG-26 Universal Primer (for light colours): 1 x 100 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After 2 – 4 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua AG-26	(7147)
Aqua OZA-90	(5320)
Aqua HSL-35/m	(7120)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	672	200	96	30	22
<b>Packaging unit</b>	<b>0.75 l</b>	<b>2.5 l</b>	<b>5 l</b>	<b>10 l</b>	<b>20 l</b>
	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	01	03	05	10	20
<b>Art. no.</b>					
<b>Rofalin Acrylic</b>					
2323	anthracite grey (RAL 7016)	■	■	■	
2324	light grey (RAL 7035)		■	■	
2325	fir green (RAL 6009)		■		
2326	moss green (RAL 6005)		■		
2330	white (RAL 9016)	■	■	■	■
2332	grey		■		
2334	dark brown		■		
2336	black		■		
2343	special colours*	■	■	■	■
015020	Base A	■	■	■	■
015022	Base C	■	■	■	■
<b>Rofalin Acrylic Plus</b>					
2329	white (RAL 9016)		■		■
2328	special colours*		■		■

\*\* Minimum order quantity 5 l



# Aqua DL-65 Top PU

Water-based, opaque coating for windows, doors and other high-value wood elements

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>On many more substrates with Aqua AG-26 Universal Primer</li> <li>Intermediate and final coat</li> <li>Can also be used as a maintenance coat</li> <li>Not suitable for coating floors (terraces, wooden decking etc.)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Resistant to yellowing</li> <li>Easy to apply</li> <li>Good edge coverage</li> <li>Weatherproof and moisture-regulating</li> <li>High PU content: durable, dirt repelling, hard-wearing</li> <li>Excellent flow properties</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Low odour</li> <li>Very good covering power</li> <li>Highly elastic</li> <li>Excellent adhesion on old coatings as a renovation coat</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush, foam roller, flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 100 ml/m<sup>2</sup> per coat</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 4 hours (practice values at 20 °C and 65% RH)</li> </ul>



System products	Art. no.
Aqua IG-15	(7145)
Induline SW-910	(3777)
Aqua AG-26	(7147)
Aqua AG-28-2K	(7160)
Aqua OZA-90	(5320)
Aqua PL-413	(2374)

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet	672	200
<b>Packaging unit</b>	<b>0.75 l</b>	<b>2.5 l</b>
	Tin bucket	Tin bucket
<b>Container code</b>	01	03
<b>Art. no.</b>		
<b>Aqua DL-65/matt</b>		
7200	white (RAL 9016)	■
7201	special colour	■
015100	Base A	■
015102	Base C	■
<b>Aqua DL-65/silk matt</b>		
7202	white (RAL 9016)	■
7203	special colour	■
015103	Base A	■
015105	Base C	■
<b>Aqua DL-65/silk gloss</b>		
7204	white (RAL 9016)	■
7205	special colour	■
015106	Base A	■
015108	Base C	■



# Aqua OWF-68/tm Weather Protection Oil Finish [eco]

Water-based, cloth matt, texture-emphasising opaque paint made from renewable raw materials for interior and exterior wood

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Primer, intermediate coat and finishing coat</li> <li>Wooden bee boxes, beehives and other wood elements used in beekeeping</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Water-based, very low solvent content</li> <li>Block resistant (acc. to Guideline HO.03)</li> <li>Non-drip</li> <li>Fine, cloth matt surface finish</li> <li>Good flow properties</li> <li>Elastic</li> <li>Does not flake</li> <li>Weather-resistant and UV-resistant</li> <li>Reduces discolouration due to water-soluble substances in the wood</li> <li>Made from renewable raw materials: min. 70%</li> <li>Tested bee-friendly formula</li> <li>Cloth matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, flat brush,</li> <li>Flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 75 ml/m<sup>2</sup> per coat</li> </ul> <p>White and light colours: 3 coats Alternative for even greater protection: 2x Aqua AG-26 &amp; 1x Aqua OWF-68/tm [eco]</p> <p>Medium and dark colours: 2 coats</p>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 6 hours (practice values at 20 °C and 65% RH)</li> </ul>

<b>Quantity per pallet</b>	<b>200</b>
<b>Packaging unit</b>	<b>2.5 l</b> Tin bucket
<b>Container code</b>	03
<b>Art. no.</b>	
7740	white (RAL 9016) ■
7741	Special colours ■
015177	Base C (pre-filling: 92%) ■



System products	Art. no.
Aqua IG-15*	(7145)
Aqua OZA-90	(5320)
Aqua AG-26	(7147)
Aqua AG-28-2K	(7160)
Induline SW-910	(3777)

\*Use biocides safely. Always read the label and product information before use.





OUR PRODUCT RANGE

# Interior wood finishing



Dirt, moisture and mechanical stresses all take a heavy toll on wood surfaces. Parquet flooring and wooden stairs in particular require a special protective coating. Our products for interior wood finishing emphasise the natural beauty of the wood while also preserving the appearance and stability of the material over the long term. These coatings are compatible with a healthy living environment, dirt-repellent and water-repellent, and resistant to mechanical stresses as well as conventional household chemicals.

**The benefits for you - the promise from us:**

- ✓ Low emissions & healthy: tested according to AgBB
- ✓ Hard-wearing surfaces
- ✓ Efficient application

## Recommended products

Dirt-repellent, water-repellent and highly durable coatings for wood surfaces in living areas



**Aqua PL-413 Parquet Varnish**

Clear single-component sealing varnish for roller application

**HSO-118 High Solid Oil [eco]**

High-solid wood finish made from renewable raw materials, for one-time application

**Aqua HWS-712 Hard Wax Seal [eco]**

Water-based, hard-wearing 1K sealant made from renewable raw materials, for two applications

**HWS-112 Hard Wax Seal**

Durable 1K wood sealer for a natural look and two-time application

**OB-008 Oil Stain**

Solvent-based linseed oil stain with a very long open time

# Aqua PL-413 Parquet Varnish

Clear single-component sealing varnish for roller application

Range of use	<ul style="list-style-type: none"> <li>Interior wood</li> <li>For heavily used wood substrates in living areas</li> <li>Living areas (e.g. parquet, stair steps, floorboards)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Resistant to abrasion and scratches</li> <li>Excellent emphasis of the grain</li> <li>Very good resistance to water</li> <li>Good flow properties on horizontal surfaces</li> <li>2K ready: improve the resistance to chemicals, hand cream, scratches and abrasion by adding 2% Aqua VGA-485</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Microfibre sealant roller approx. 8-12 mm pile height, acrylic paintbrush</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>100 - 120 ml/m<sup>2</sup> per coat</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>Dust-dry: after approx. 1 hour</li> <li>Overcoating: after approx. 4 hours</li> <li>Full loading capacity: after approx. 7 days</li> </ul>



Quantity per pallet		90	60
<b>Packaging unit</b>		<b>5 l</b>	<b>10 l</b>
		Plastic canister	Plastic canister
<b>Container code</b>		05	10
<b>Art. no.</b>			
<b>Aqua PL-413/20 matt</b>			
2376	clear	■	■
<b>Aqua PL-413/30 semi-matt</b>			
2375	clear	■	■
<b>Aqua PL-413/50 silk gloss</b>			
2374	clear	■	■

System products	Art. no.
Aqua OML-48/tm [eco]	(7710)
Aqua VL-66/sm	(7090)
Aqua DL-65	(7200)



# HSO-118 High Solid Oil [eco]

High-solid wood finish made from renewable raw materials

Range of use	<ul style="list-style-type: none"> <li>Interior wood</li> <li>Wooden floors and stairs</li> <li>Tabletops and worktops</li> <li>High-quality solid wood furniture</li> <li>Cork floors</li> <li>Panels and moulding</li> <li>Natural stone kitchen worktops (less dirt)</li> <li>Sustainable building: suitable for building certifications DGNB, LEED, BNB</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>3in1 oil: stain, oil and wax sealing coat</li> <li>Made from renewable raw materials: min. 90%</li> <li>Food-safe: harmless upon contact with food</li> <li>Slip-resistant</li> <li>Penetrates deeply into the wood and emphasises the grain</li> <li>Durable, dirt repelling, hard-wearing</li> <li>Good resistance against selected standard household substances as per DIN 68861, 1B (e.g. water, cola, beer, tea, coffee, wine &amp; cleaning agents)</li> <li>A vegan product based on the information available to us</li> <li>Matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Flat brush, short-pile (3-5 mm) velour or mohair roller, single-disc machine with white non-abrasive pad, wadded rags/lint-free cotton cloth, stainless steel/smoothing spatula</li> <li>Clean tools with WV-891 Washing Thinner or V-890 Thinner</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>50 - 70 ml/m<sup>2</sup> per coat</li> <li>The application rate depends heavily on the absorbency of the wood and the final sanded finish</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>Overcoating: after drying overnight</li> <li>Gentle use (e.g. water loads): after 2 - 3 days</li> <li>Full loading capacity: after approx. 7 days</li> <li>Recommended drying time before sealing with MultiSil: &gt; 7 days (remove smoothing agent residue immediately)</li> </ul>



System products	Art. no.
Oiled Floor Care [eco]	(7699)
MultiSil	(7380)
Repair Set	(4955)

Quantity per pallet	672	200	30
<b>Packaging unit</b>	<b>0.75 l</b>	<b>2.5 l</b>	<b>10 l</b>
	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	01	03	10
<b>Art. no.</b>			
7701	intense white (RC-995)	■	
7702	nutwood (RC-660)	■	
7703	light oak (RC-365)	■	
7704	teak (RC-545)	■	
7705	ebony (RC-790)	■	
7706	silver grey (RC-970)	■	
7707	natural effect	■	■
7708	clear	■	■
7709	special colours	■	■



# Aqua HWS-712 Hard Wax Seal [eco]

Water-based, hard-wearing 1K sealant made from renewable raw materials, for two applications

Range of use	<ul style="list-style-type: none"> <li>Interior wood</li> <li>Wood in sheltered outdoor areas</li> <li>Furniture and interior fittings</li> <li>Wooden floors and stairs</li> <li>An alternative to products containing strong solvents for wooden floors acc. to TRGS 617</li> <li>Tabletops and worktops</li> <li>Primer: Minimises swelling behaviour (opaque coatings)</li> <li>Terrace furniture in sheltered outdoor areas</li> <li>Sustainable building: suitable for building certifications DGNB, LEED, BNB</li> <li>Not for bleached wood</li> <li>"Natural effect" colour only for light wood, e.g. oak, ash &amp; spruce</li> <li>No removal of excess</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Very fast drying</li> <li>Resistant to abrasion and scratches</li> <li>Resistant to chemicals: DIN 68861, 1B</li> <li>Slip-resistant</li> <li>Water-repelling</li> <li>Very low tendency to shine</li> <li>Natural look and feel</li> <li>Made from renewable raw materials: min. 80%</li> <li>A vegan product based on the information available to us</li> <li>VOC-free and mild odour</li> <li>No creaking</li> <li>2K ready: improve the resistance to chemicals, hand cream, scratches and abrasion by adding 2% Aqua VGA-485</li> <li>Fire resistant</li> <li>Cloth matt</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Microfibre sealant roller approx. 5 – 8 mm pile height, flow cup gun, airless/airmix spraying equipment</li> <li>Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate</li> <li>Dispose of cleaning residues correctly.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Two coats, 70 - 90 ml/m<sup>2</sup> per coat</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>Dust-dry: after approx. 30 minutes</li> <li>Touch-dry: after approx. 1.5 hours</li> <li>Overcoating: after approx. 3 hours</li> <li>Full loading capacity: after approx. 7 days</li> </ul>



System products	Art. no.
Aqua VGA-485	(3256)
HSO-118 [eco]	(7708)
Aqua PF-430 [iac]	(3265)
Aqua CL-445 4in1	(3796)
OB-008	(2787)
Microfibre roller pile height 5 mm	(4430)
Microfibre roller pile height 8 mm	(4007)

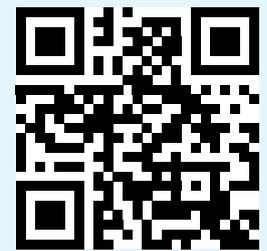
Quantity per pallet	672	96	22
<b>Packaging unit</b>	<b>0.75 l</b>	<b>5 l</b>	<b>20 l</b>
	Tin bucket	Tin bucket	Tin bucket
<b>Container code</b>	01	05	20
<b>Art. no.</b>			
5290	clear	■	■
5291	grain+	■	■
5292	natural effect	■	■
5293	special colours	■	■



# HWS-112 Hard Wax Seal

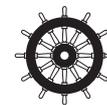
Durable 1K wood sealer for a natural look and two-time application

Range of use	<ul style="list-style-type: none"> <li>▪ Furniture and interior fittings</li> <li>▪ Wooden floors and stairs</li> <li>▪ Tabletops and worktops</li> <li>▪ Ship interior finishing</li> <li>▪ Bathroom and sauna elements</li> <li>▪ No removal of excess</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Fast drying</li> <li>▪ Resistant to abrasion and scratches</li> <li>▪ Resistant to chemicals: DIN 68861, 1B</li> <li>▪ Slip-resistant</li> <li>▪ Very low tendency to shine</li> <li>▪ Natural look and feel</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>▪ Short-pile (3-5 mm) velour or mohair roller, flow cup gun, airless/airmix spraying equipment, filling knife</li> <li>▪ Clean tools immediately after use with V 101 thinner</li> <li>▪ Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ 1st coat: 70 ml/m<sup>2</sup></li> <li>▪ 2nd coat: 60 ml/m<sup>2</sup></li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>▪ Dust-dry: after approx. 1 hour</li> <li>▪ Touch-dry: after approx. 3 hours</li> <li>▪ Spray overcoating: after approx. 6 hours</li> <li>▪ Overcoating with roller: after approx. 14 hours</li> <li>▪ Full loading capacity: after approx. 7 days</li> </ul>



System products	Art. no.
OB-008 Oil Stain	(2787)
Oiled Floor Care [eco]	(7699)

Quantity per pallet	444	60	22
Packaging unit	11	51	201
	Tin canister	Tin bucket	Tin bucket
Container code	85	05	20
Art. no.			
1826	clear	■	■
1829	special colours	■	■



07/30/2023  
USCG-Nr.:  
164.112/EC0730/116490-01



# OB-008 Oil Stain

Solvent-based linseed oil stain with a very long open time

Range of use	<ul style="list-style-type: none"> <li>Especially for use on softwood and coarse-pored wood (e.g. oak)</li> <li>For use under finishes on an oil, wax or alkyd resin base</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Ready-to-use base colours that can be mixed with each other</li> <li>Long open time for streak-free application (on large surfaces)</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Flat brush, short-pile (3-5 mm) velour or mohair roller, single-disc machine with white non-abrasive pad, wadded rags/lint-free cotton cloth, stainless steel/smoothing spatula</li> <li>Clean tools immediately after use with V 101 thinner</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>40 - 80 ml/m<sup>2</sup> (depending on absorbency and final sanded finish)</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>Dust-dry: after approx. 4 hours</li> <li>Spray overcoating: after approx. 6 hours</li> <li>Overcoating with roller: after approx. 14 hours</li> </ul>



Quantity per pallet	640	96
<b>Packaging unit</b>	<b>11</b>	<b>51</b>
	Tin bucket	Tin bucket
<b>Container code</b>	01	05
<b>Art. no.</b>		
2787	clear (pre-filling: 90%)	■
2788	intense white (RC-995)	■
2789	nutwood (RC-660)	■
2790	light oak (RC-365)	■
2791	teak (RC-545)	■
2792	ebony (RC-790)	■
2793	silver grey (RC-970)	■
2794	special colours	■

System products	Art. no.
HSO-118 [eco]	(7708)
HWS-112	(1826)





OUR PRODUCT RANGE

# Supplementary products



# Recommended products

## Supplementary products and accessories

The benefits for you - the promise from us:

- ✓ Helpful, universal supplementary products
- ✓ Reliable system use with our coating products
- ✓ Longer-lasting results



### Aqua MR-91 Multi-Purpose Cleaner

Water-based cleaner for plastics & metals



### AGE

Paint stripper and graffiti remover



### Thinner V 101

Cleaning and thinning agent



### Aqua RK-898 Cleaning Concentrate

Highly effective cleaning product for tools and equipment



### Induline Fast Filler

Dispersion-based 1K filler



### Induline 2K Filler

For levelling out deep uneven areas



### Induline SW-910

Water-based end-grain wood protection



### Protect MKT 1

Adds algicidal and fungicidal action to MB 2K, dispersion lacquers and water-based varnishes



### Aqua OZA-90 Open Time Additive

Drying inhibitor for water-based stains, coatings and varnishes



### Aqua VA-092 Thickening Additive

Additive for increasing the stability of water-based coating systems, for spray application



### MultiBond Express

Clear, universal, high-strength PUR adhesive



### Acryl 100

Premium acrylic sealant, early resistance to rain



### Silicone Remover

Special cleaner and silicone remover based on a combination of organic acids



### MultiSil

Universal alkoxy-crosslinking silicone sealant

# Aqua MR-91 Multi-Purpose Cleaner

Water-based cleaner for plastics and metals

Range of use	<ul style="list-style-type: none"> <li>▪ Preparing plastic and metal surfaces</li> <li>▪ Rigid plastics: Rigid PVC, PUR, acrylic, melamine resin &amp; HPL</li> <li>▪ Metal components: e.g. fences, frames, railing, downpipes, corrugated sheet metal, metal shuttering, radiators</li> <li>▪ Removing dirt, encrusted dirt, dust, oil and grease deposits</li> <li>▪ Not suitable for ferrous metals</li> <li>▪ For professional users</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Good cleaning action</li> <li>▪ High washing activity</li> <li>▪ Ideal for substrate pre-treatment</li> <li>▪ Solvent-free and environmentally compatible</li> <li>▪ Biodegradable</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>▪ Abrasive cloth, abrasive sponge</li> <li>▪ Clean tools immediately after use with water.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



<b>Quantity per pallet</b>	<b>864</b>
<b>Packaging unit</b>	<b>1 l</b> Plastic bottle
<b>Container code</b>	01
<b>Art. no.</b>	
7259	■

System products	Art. no.
Aqua AG-26	(7147)
Aqua ML-69/sm	(7250)
AG-20	(7150)

## AGE

Paint stripper and graffiti remover

Range of use	<ul style="list-style-type: none"> <li>▪ Dissolving dispersion and pure acrylate varnishes, synthetic resin, nitro and spirit varnishes, matting, polishes and graffiti</li> <li>▪ Wood surfaces, metal and mineral substrates</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Paste-like</li> <li>▪ Highly effective</li> <li>▪ Long open working time</li> <li>▪ Free from N-methyl pyrrolidone, chlorinated hydrocarbons, alkali-free</li> <li>▪ Biodegradable</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>▪ Paintbrush, flat brush (no synthetic bristles), airless sprayer</li> <li>▪ Clean tools immediately after use with water.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ Approx. 0.3 – 0.5 l/m<sup>2</sup> per coat</li> </ul>



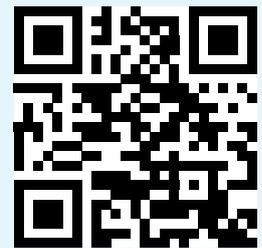
<b>Quantity per pallet</b>	<b>432</b>	<b>66</b>	<b>12</b>
<b>Packaging unit</b>	<b>12 × 0.75 l</b> Tin bucket	<b>5 l</b> Tin bucket	<b>25 l</b> Tin bucket
<b>Container code</b>	01	05	25
<b>Art. no.</b>			
1368	■	■	■

# V 101

Cleaning and thinning agent

Range of use	<ul style="list-style-type: none"> <li>Universal solvent for thinning and cleaning reactive resins that have not yet reacted</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Good cleaning action</li> <li>Good thinning action</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Dependent on application (see Technical Data Sheet)</li> </ul>

<b>Quantity per pallet</b>	<b>360</b>	<b>84</b>	<b>50</b>	<b>24</b>
<b>Packaging unit</b>	<b>1 l</b>	<b>5 l</b>	<b>10 l</b>	<b>30 l</b>
	Tin canister	Tin canister	Tin canister	Tin canister
<b>Container code</b>	01	05	10	30
<b>Art. no.</b>				
0978	■	■	■	■



# Aqua RK-898 Cleaning Concentrate

Highly effective cleaning product for tools and equipment

Range of use	<ul style="list-style-type: none"> <li>Cleaning tools</li> <li>Sprayers, overhead conveyors, conveyors in spraying machines etc.</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>High-yielding concentrate</li> <li>Removes freshly splashed Aqua varnishes quickly and easily</li> <li>Does not attack the surfaces of anodised components (e.g. flow cup guns)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Depending on needs and level of contamination: 10% solution in water for normal contamination 20% solution in water for heavy contamination Undiluted for stubborn contamination</li> </ul>

<b>Quantity per pallet</b>	<b>96</b>	<b>24</b>
<b>Packaging unit</b>	<b>5 l</b>	<b>30 l</b>
	Plastic canister	Plastic canister
<b>Container code</b>	05	30
<b>Art. no.</b>		
3868	■	■



# Induline Fast Filler

Dispersion-based 1K filler

Range of use	<ul style="list-style-type: none"> <li>▪ Repair work</li> <li>▪ Preparing for coating work on wood, wood-based materials and mineral substrates</li> <li>▪ For filling porous substrates and defective areas</li> <li>▪ For professional users</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Dries quickly with low shrinkage</li> <li>▪ Easy to sand</li> <li>▪ Good build</li> <li>▪ Solvent-free and environmentally compatible</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>▪ Rigid plastic or stainless steel filling knife</li> <li>▪ Clean while wet with water or use Aqua RK-898 Cleaning Concentrate to remove stubborn deposits.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>▪ Drying time: approx. 30 minutes</li> <li>▪ Sanding/overcoating: after approx. 3 hours</li> </ul>

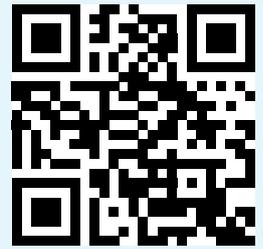
<b>Quantity per pallet</b>	<b>960</b>
<b>Packaging unit</b>	<b>0.4 kg</b>
	Tube K
<b>Container code</b>	02
<b>Art. no.</b>	
3260	white



# Induline 2K Filler

For levelling out deep uneven areas

Range of use	<ul style="list-style-type: none"> <li>▪ Interior and exterior wood</li> <li>▪ Windows, doors, laminated wood, furniture etc.</li> <li>▪ Other substrates: sheet steel, cast iron and aluminium, chipboard</li> <li>▪ Unsuitable substrates:             <ul style="list-style-type: none"> <li>- Substrates that can be dissolved by nitrocellulose thinner (e.g. acrylic coatings)</li> <li>- Galvanised and hot-dip galvanised sheet metal</li> <li>- Reactive primer (wash primer), synthetic resin or nitrocellulose combination primer, because adhesion difficulties are expected on these substrates</li> <li>- Tropical woods such as teak and palisander contain substances that can significantly delay or even prevent the hardening of polyester</li> </ul> </li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Elastic, two-component, fine filler on a polyester base</li> <li>▪ Reduced styrene content</li> <li>▪ Easy to smooth off</li> <li>▪ Good build</li> <li>▪ Easy to sand</li> <li>▪ Low volume shrinkage</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>▪ Filling knife</li> <li>▪ Clean tools with WV-891 Washing Thinner or V-890 Thinner</li> <li>▪ Dried-on residue can only be removed mechanically</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>▪ Overcoating after 15 - 20 minutes</li> </ul>

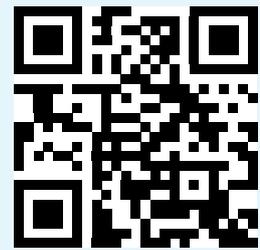


<b>Quantity per pallet</b>	<b>1104</b>
<b>Packaging unit</b>	<b>500 g</b> tin can
<b>Container code</b>	01
<b>Art. no.</b>	
3261      spruce	■

# Induline SW-910

Water-based end-grain wood protection

Range of use	<ul style="list-style-type: none"> <li>For use on interior and exterior wood</li> <li>Softwood and hardwood</li> <li>Dimensionally stable wood building elements: e.g. windows and doors</li> <li>Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses</li> <li>Wood elements with no dimensional stability: e.g. fences, framework, carports, planking</li> <li>Moisture protection for cut surfaces and end-grain wood</li> <li>Edge coating and sealing for board materials (e.g. screen printing plates)</li> <li>Full-surface moisture protection for front door panels made of exterior grade MDF/Tricoya</li> <li>Full-surface protection of wood exposed to pollutants in indoor areas and in a system with PU Wood Strengthener</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Film-forming</li> <li>Repels water</li> <li>Elastic</li> <li>Inhibits diffusion</li> <li>Effective restriction of volume increase due to moisture in treated wood</li> <li>Can be overcoated with conventional coating systems</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Acrylic paintbrush, microfibre paint roller, airless/airmix sprayer</li> <li>Clean tools immediately after use with water and detergent</li> <li>Dispose of cleaning residues correctly</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 100 ml/m<sup>2</sup> depending on the absorbency of the substrate</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 2 hours (practice values at 20 °C and 65% RH)</li> </ul>



**System products**      **Art. no.**

\*Use biocides safely. Always read the label and product information before use.

Quantity per pallet		300	200	22	1
Packaging unit		0.5 l	2.5 l	20 l	1000 l
		Plastic can	Tin bucket	Tin bucket	Plastic container
Container code		84	03	20	61
<b>Art. no.</b>					
3777	clear	■	■	■	■
3775	special colours		■	■	■



# Protect MKT 1

Adds algicidal and fungicidal action to MB 2K, dispersion lacquers and water-based varnishes

Range of use	<ul style="list-style-type: none"> <li>Film preserver for MB 2K to protect against algae and fungi, especially <i>Haematococcus pluvialis</i></li> <li>Film preserver in dispersion paints and stains for protection against mould and algae growth</li> <li>Resistance against leaching and UV radiation</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Excellent spectrum of activity against fungi, algae and yeasts</li> <li>Water-based preservative</li> <li>Long-term stability thanks to deposit effect</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Dependent on application</li> </ul>

<b>Protect MKT 1</b>	<b>100 ml</b>
3024	■



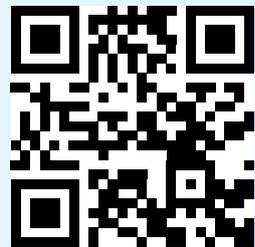
System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua DL-65	(7200)
Aqua VL-66/sm	(7090)
Rofalin Acrylic	(2330)

# Aqua OZA-90 Open Time Additive

Drying inhibitor for water-based stains, coatings and varnishes

Range of use	<ul style="list-style-type: none"> <li>Extends the open time for water-based coating systems</li> <li>Particularly suitable for brush and roller application</li> <li>For preventing streaking at high temperatures and/or low relative humidity</li> <li>Large surface areas</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Inhibits drying</li> <li>Optimises flow</li> <li>Enables streak-free application</li> <li>Reduces viscosity</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Add 3-5% to water-based coatings</li> </ul>

<b>Quantity per pallet</b>	<b>288</b>
<b>Packaging unit</b>	<b>4 x 1 l</b>
	Plastic bottle
<b>Container code</b>	01
<b>Art. no.</b>	
5320	■



System products	Art. no.
Rofalin Acrylic	(2330)
Aqua DSL-55	(7220)
Aqua VL-66/sm	(7090)
Aqua DL-65	(7200)
Aqua MSL-45/sm	(7130)

# Aqua VA-092 Thickening Additive

Additive for increasing the stability of water-based coating systems, for spray application

Range of use	<ul style="list-style-type: none"> <li>Increases the stability of water-based coating systems</li> <li>Coating higher layers in a single step (e.g. facades)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Reaches final viscosity after a short maturing time (15 minutes)</li> <li>Prepared mixture has high storage stability</li> <li>Easy to apply</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Add 1.5% by volume to the prepared coating material</li> </ul>

<b>Quantity per pallet</b>	<b>480</b>
<b>Packaging unit</b>	<b>8 × 300 ml</b>
	Plastic can
<b>Container code</b>	83
<b>Art. no.</b>	
7249	■



System products	Art. no.
Aqua ML-69/sm	(7250)

# MultiBond Express

Clear, universal, high-strength PUR adhesive

Range of use	<ul style="list-style-type: none"> <li>Interiors and exteriors</li> <li>Universal</li> <li>Wood, metal, ceramics, PVC, polystyrene and glass</li> <li>Assembling furniture, panels, moulding and door linings</li> <li>Gluing wooden windows and doors</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Single-component</li> <li>Solvent-free</li> <li>High adhesive strength, no staining</li> <li>Invisible bonds</li> <li>Water-resistant according to DIN EN 204: D4</li> <li>Does not run off, evens out surface irregularities</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Hand-held and compressed air guns</li> <li>Clean while wet with thinner and brush cleaner or V 101, can only be removed mechanically once dry</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 5 - 15 g/m<sup>2</sup> if applied in strips, approx. 50 g/m<sup>2</sup> if applied in dots</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After min. 60 minutes (practice values at 20 °C and 65% RH)</li> </ul>

<b>Quantity per pallet</b>	<b>1200</b>
<b>Packaging unit</b>	<b>15 × 310 ml</b>
	Cartridge
<b>Container code</b>	15
<b>Art. no.</b>	
1571	clear ■

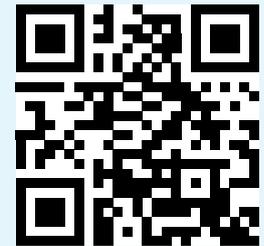


# Acryl 100

Premium acrylic sealant, early resistance to rain

Range of use	<ul style="list-style-type: none"> <li>Sealing dimensionally stable building elements</li> <li>Closing cracks</li> <li>Repairing facades, masonry, render and wood surfaces</li> <li>Low-strength materials e.g. aerated concrete, gypsum building materials</li> <li>Wood/wood joints, especially in log cabin construction</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Can be overcoated</li> <li>Quickly becomes rain-proof</li> <li>Elastoplastic</li> <li>Solvent-free</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Hand-held and compressed air guns, filling knife, adhesive tape</li> <li>With soapy water while wet.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 100 ml/m for a 1 cm<sup>2</sup> joint cross-section</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>After approx. 15 minutes (practice values at 23 °C and 50% RH)</li> </ul>

<b>Quantity per pallet</b>	<b>1056</b>	<b>864</b>
<b>Packaging unit</b>	<b>12 × 310 ml</b>	<b>12 × 600 ml</b>
	Cartridge	Aluminium bag
<b>Container code</b>	12	60
<b>Art. no.</b>		
27360	grey	■
27370	white	■



# Silicone Remover

Cleaning agent for removing silicone residues

Range of use	<ul style="list-style-type: none"> <li>Removing hardened silicone residues</li> <li>Removing silicone streaks on windows</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Highly effective</li> <li>Low odour</li> <li>Solvent-based</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>Paintbrush</li> <li>Clean tools immediately after use with V 101 thinner.</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Dependent on degree of soiling</li> </ul>

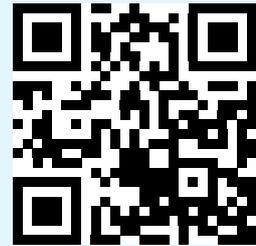
<b>Quantity per pallet</b>	<b>960</b>
<b>Packaging unit</b>	<b>200 g</b>
	Tin bottle
<b>Container code</b>	83
<b>Art. no.</b>	
7799	■



# MultiSil

Universal alkoxy-crosslinking silicone sealant

Range of use	<ul style="list-style-type: none"> <li>▪ Glazing work – especially in wood window manufacturing</li> <li>▪ Expansion and connection joints in construction and sanitary areas</li> <li>▪ Roof waterproofing</li> <li>▪ Food production areas</li> <li>▪ Sheet metal and metal construction</li> <li>▪ Interior construction, parquet etc.</li> <li>▪ Mirror and plexiglass mounting</li> <li>▪ Suitable for use in clean rooms and room ventilation systems</li> <li>▪ Do not use on natural stone (e.g. marble) or on aquariums and underwater joints</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly abrasion-resistant and streak-free as per ift guideline VE-04/2</li> <li>▪ Coating-compatible as per DIN 52452, Part 4</li> <li>▪ Film preserver protects against microbial damage</li> <li>▪ Extremely strong adhesion</li> <li>▪ Can be used on many substrates without an adhesive primer</li> <li>▪ Very low emissions (GEV-EMICODE EC 1Plus)</li> <li>▪ Fire resistant</li> <li>▪ Complies with the principles for health assessment of construction products in interiors (AgBB scheme)</li> </ul>
Tools/cleaning	<ul style="list-style-type: none"> <li>▪ Hand-held and compressed air guns, filling knife, adhesive tape</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ Approx. 100 ml/running metre for a 1 cm<sup>2</sup> joint cross-section</li> </ul>
Yield	<ul style="list-style-type: none"> <li>▪ 310 ml will cover approx. 3 m</li> </ul>
Overcoating	<ul style="list-style-type: none"> <li>▪ Skin formation: approx. 8 minutes (+23 °C/50% RH)</li> <li>▪ Full curing: approx. 2 mm/day (+23 °C/50% RH)</li> </ul>



## System products

Induline window coating system

Joint compounds - mineral

Quantity per pallet		1056	864
Packaging unit		12 × 310 ml	12 × 600 ml
		Cartridge	Aluminium bag
Container code		06	60
Art. no.			
27378	window grey	■	■
27379	cement grey	■	
27380	transparent	■	■
27381	white	■	■
27382	medium brown		■
27385	brown	■	
27386	dark brown	■	■
27387	black	■	■
27388	manhattan	■	■
27390	dark grey	■	■
27391	light grey/silver grey	■	■
27392	medium grey	■	■
27395	oregon		■
27389	special colours*	■	■
* 600 ml upon request			

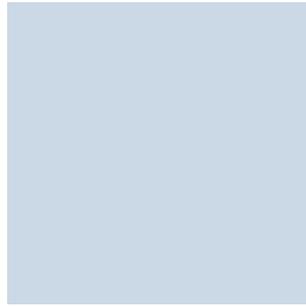




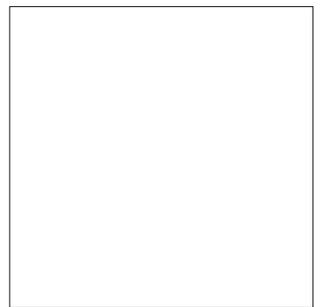
window grey



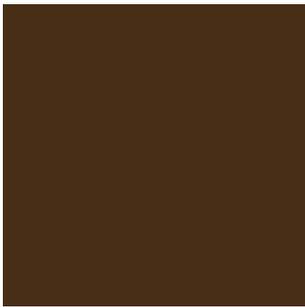
cement grey



transparent



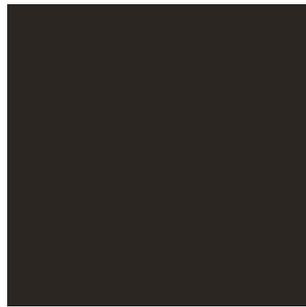
white



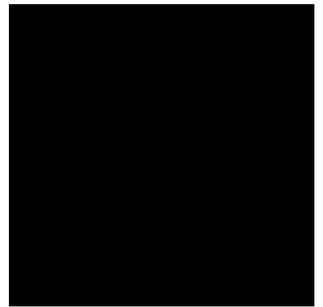
medium brown



brown



dark brown



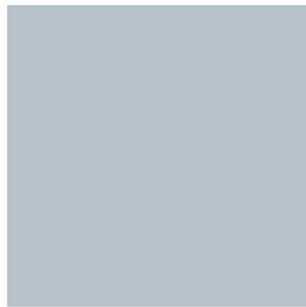
black



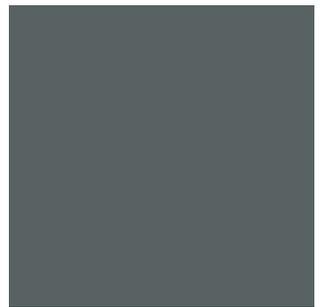
manhattan



dark grey



light grey/silver grey



medium grey



oregon

**Please note:** The colours shown in this brochure have been scanned very carefully in order to reflect the original as closely as possible. However, minor variations between the original and the photo are possible.

# Design ideas for wooden surfaces

The design possibilities for wooden surfaces are virtually unlimited. This means that choosing the right colours for a project can be difficult and time-consuming. But now this challenge can be overcome with our "Design ideas for wooden surfaces". This compact and easy-to-use card features more than 130 opaque and translucent colour suggestions. But although it is small, it is still mighty: since our smart collection comprehensively covers all the colour spaces, virtually every wish can be fulfilled.

Remmers varnishes are available in 56 colours. In addition to the popular classics, these also include a wide array of grey tones in the Grey Protect range for creating timeless pre-greying effects. Every varnish colour has a matching (opaque) NCS colour. When it comes to opaque tones, there are 75 shades to choose from. Here you will find the most popular colours for decorating interior and exterior wood: These include the top RAL and NCS colours, as well as a few carefully chosen additions to round out the colour space.

Virtually all stains and varnishes in our product range can be ordered in these colours. The "remmers-mix" symbol, which can be found on the product detail pages and technical data sheets, indicates all the products that can be tinted individually using batching equipment.





remmers

# Gestaltungsideen für Holzoberflächen

Gestaltungsvorschläge  
 Design proposals  
 Предложения по дизайну  
 Ontwerpvoorstellen  
 Propositions de design  
 Proposte di design  
 Propozycje projektowe  
 Designové návrhy  
 Dizajnové návrhy  
 Tervezési javaslatok

- DE
- GB
- RU
- NL
- FR
- IT
- PL
- CZ
- SK
- HU



# Opaque and translucent colours

## Impregnations and primers



**clear**

Aqua IG-15  
IG-10



**white**

Aqua AG-26  
AG-20 Universal  
Primer



**grey**

Aqua AG-26



**spruce**

Aqua RG-27



**red brown**

Aqua AG-26

## Low-build stains / medium-build stains / high-build stains



**clear**

Aqua HSL-35/m    Aqua DSL-55/sg  
Aqua OML-48/tm    HSL-30/m  
Aqua DSL-55/m    HSL-32/m



**clear UV+**

Aqua MSL-45/sm  
MSL-40/sm



**pine (RC-270)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm



**light oak (RC-365)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm    HSL-32/m  
Aqua DSL-55/sg



**rustic oak (RC-360)**

HSL-30/m



**pine/larch (RC-260)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm    HSL-32/m  
Aqua DSL-55/sg



**teak (RC-545)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm    HSL-32/m  
Aqua DSL-55/sg



**mahogany (RC-565)**

HSL-30/m



**chestnut (RC-555)**

HSL-30/m



**nutwood (RC-660)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm    HSL-32/m  
Aqua DSL-55/sg



**palisander (RC-720)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm    HSL-32/m  
Aqua DSL-55/sg



**white (RC-990)**

Aqua HSL-35/m    HSL-30/m  
Aqua MSL-45/sm



**silver grey (RC-970)**

Aqua HSL-35/m    HSL-32/m  
HSL-30/m



**platinum grey (FT-26788)**

HSL-30/m



**graphite grey (FT-25416)**

HSL-30/m

## Weather protection paints, white and coloured varnishes



**white (RAL 9016)**

Aqua VL-66/sm Rofalin Acrylic Plus  
 Aqua OWF-68/tm Rofalin Acrylic  
 Aqua ML-69/sm VL-60/sm  
 Aqua DL-65/m/sm/sg



**light grey (RAL 7035)**

Aqua VL-66/sm  
 Rofalin Acrylic



**grey**

Rofalin Acrylic



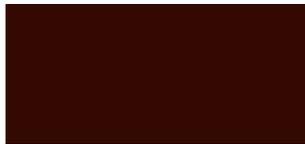
**fir green (RAL 6009)**

Rofalin Acrylic



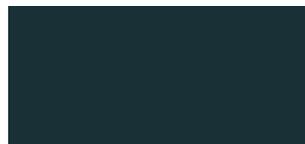
**moss green (RAL 6005)**

Rofalin Acrylic



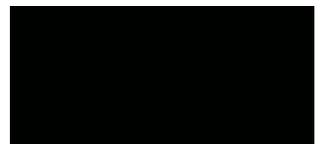
**dark brown**

Rofalin Acrylic



**anthracite grey (RAL 7016)**

Aqua VL-66/sm  
 Rofalin Acrylic



**black**

Rofalin Acrylic

## Interior wood finishing



**clear**

HWS-112 Aqua PL-413/m/sm/sg  
 HSO-118 [eco] Aqua HWS-712 [eco]  
 OB-008



**natural effect**

HSO-118 [eco]  
 Aqua HWS-712 [eco]



**intense white (RC-995)**

HSO-118 [eco]  
 OB-008



**light oak (RC-365)**

HSO-118 [eco]  
 OB-008



**teak (RC-545)**

HSO-118 [eco]  
 OB-008



**nutwood (RC-660)**

HSO-118 [eco]  
 OB-008



**ebony (RC-790)**

HSO-118 [eco]  
 OB-008



**silver grey (RC-970)**

HSO-118 [eco]  
 OB-008

**Please note:** The colours shown in this brochure have been scanned very carefully in order to reflect the original as closely as possible. However, minor variations between the original and the photo are possible. Therefore, the product must always be tested on a trial area prior to coating so that the colour can be assessed.

# Expertise and system solutions

at a glance

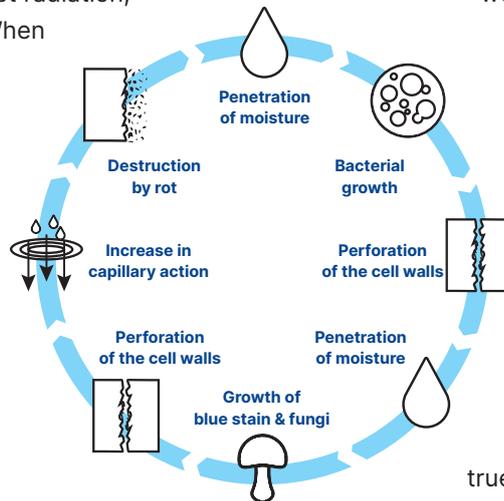


# Wood's natural enemies

## The process of wood damage due to moisture, blue stain and rot

### UV radiation

It is not just the sun's heat that wood surfaces are subjected to, but also its ultra-violet radiation, which penetrates into the wood. When combined with precipitation, it can change the colour of unprotected wood in just a few weeks or months, giving the wood a silvery grey appearance. Fine, upright wood fibres then also begin to appear on the wood surface, and the wood loses strength. Most unwanted changes to the colour and surface properties can be prevented by using pigmented coatings.



### Wood-destroying insects

In addition to discolouring and destructive fungi, wood also has to contend with animal pests. The European house borer, for example, is one of the most dangerous wood-destroying insects in temperate zones and predominantly attacks softwood. It lays its eggs in cracks in the wood and the larvae gnaw into the outer layers. Other wood-destroying insects generally cause damage in the same way, by laying their egg in or on the wood. The larva – the true culprit of the wood damage – then emerges from the egg.

### Algae

Wooded and tree-lined areas have an especially high concentration of these lower organisms, which cause green discolouration and other optical damage on exterior wood. HSL-30, MSL-40 and Aqua HSL-35 act as an algicide and prevent premature green discolouration. Other water-based coatings in this range can also be given algicidal properties if desired by mixing with Protect MKT 1.

### Blue stain

Blue stain is a type of wood-discolouring fungus and takes the form of blue-black discolouration. Blue stain does not damage the wood but merely affects its aesthetic appearance. However, blue stain can be a precursor to wood-damaging fungi (soft rot) because it perforates the cell walls and creates favourable conditions for greater water uptake in the wood (capillary action).

### Rot

Soft rot is the most dangerous type of harmful fungus. It destroys the structure of the wood, causing it to lose its stability and to rot.

### Moisture

Exterior wood is constantly exposed to moisture: rain, dew, condensate etc. increase the moisture content, while evaporation decreases it. This causes cracks in the surface. Moisture penetrates through these cracks or via diffusion, and must leave the wood again otherwise it will accumulate under the surface, creating the perfect conditions for blue stain and wood-destroying rot.

It is therefore important to choose the right coating for the wood building element:

- ✓ In the case of windows and doors, the dimensional stability of the component is especially important. For this reason, film-forming stains are used here. The coating prevents moisture from penetrating, avoiding situations where the component changes shape due to swelling and shrinking and therefore can no longer be opened and closed properly, for example.
- ✓ For components with no dimensional stability, such as boarding and fences, the penetration of moisture e.g. via the end faces of the wood or due to cracks cannot be completely avoided. Here, the use of low-build stains is preferred, so that the wood can breathe and the moisture can escape.



# The durability of wood types

## When to use a wood finish – when to apply additional protection?

Depending on the durability of the wood type used, a chemical preservative may be necessary for wood in outdoor areas. Durable and highly durable woods generally only require finishing with biocide-free products. Moderately durable to non-durable woods will also require a chemical preservative e.g. to protect

against blue stain and soft rot. The classification of wood types is not just based on the heartwood – Commonly used woods generally also contain a proportion of sapwood, which is not durable.

These woods therefore should not be used outdoors without a chemical preservative.

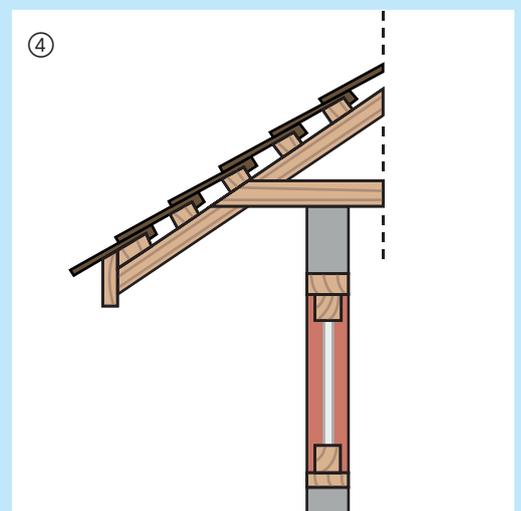
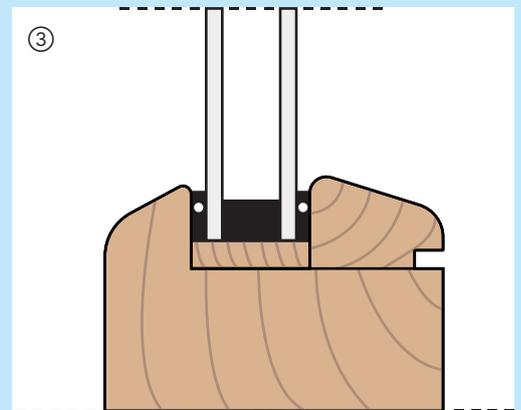
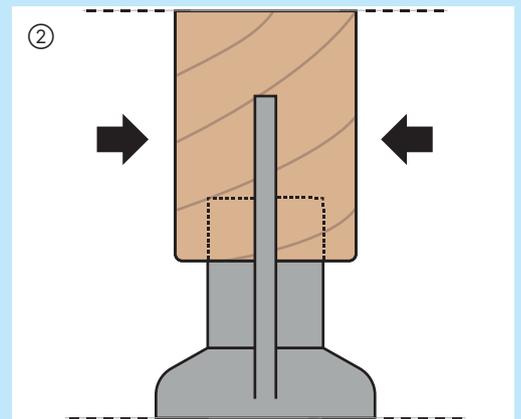
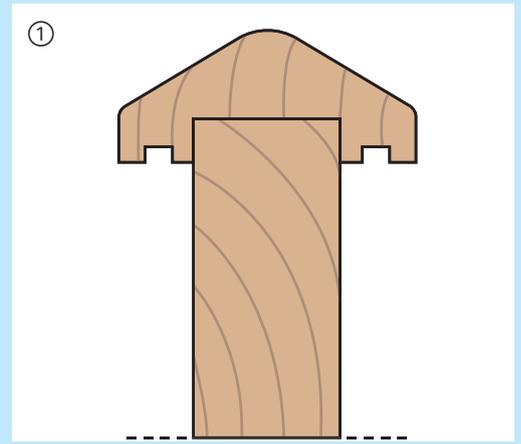
Wood finish needed			
very durable		durable	
1	1-2	2	2-3
<ul style="list-style-type: none"> <li>✓ Afzelia (Doussié)</li> <li>✓ Teak (from plantations 1-3)</li> <li>✓ Bilinga</li> </ul>	<ul style="list-style-type: none"> <li>✓ Robinia</li> </ul>	<ul style="list-style-type: none"> <li>✓ Bangkirai</li> <li>✓ Angélique (Basralocus)</li> <li>✓ Oak 2(-4)</li> <li>✓ Azobé (Bongossi)</li> <li>✓ Eucalyptus globulus (young wood 3-4)</li> <li>✓ Red Grandis (Uruguay plantations)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Western red cedar</li> <li>✓ Red Meranti (bulk density <math>\geq 0.55 \text{ g/cm}^3</math>)</li> <li>✓ Sipo mahogany</li> <li>✓ American white oak</li> <li>✓ Framire</li> </ul>
Protective treatment with a wood preservative not necessary.			

Chemical wood preservative & finish necessary				
moderately durable			non-durable	
3	3-4	4	4-5	5
<ul style="list-style-type: none"> <li>✓ Niangon</li> <li>✓ Douglas fir (North America)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Red Meranti (bulk density 0.45-0.549 g/cm<sup>3</sup>)</li> <li>✓ Eucalyptus delegatensis (Tasmanian oak)</li> <li>✓ Eucalyptus grandis (young wood 4-5)</li> <li>✓ American red oak</li> <li>✓ Douglas fir (Europe)</li> <li>✓ Pine</li> <li>✓ Larch</li> </ul>	<ul style="list-style-type: none"> <li>✓ Spruce</li> <li>✓ Fir</li> <li>✓ Southern pine</li> <li>✓ Hemlock</li> </ul>	<ul style="list-style-type: none"> <li>✓ Red Meranti (bulk density &lt; 0.45 g/cm<sup>3</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Beech</li> <li>✓ Ash</li> </ul>
Building elements exposed to weathering generally require protective treatment with a wood preservative.				

# Wood protection by design

## How to make sure that moisture has no chance to attack

Sustained exposure to moisture is the main culprit behind the growth of fungi that cause damage and discolouration to wood. In order to minimise the likelihood of this happening, exterior wood building elements must be designed such that contact with water can be largely avoided. If this is not possible, it must be ensured that the wood can dry out again quickly. Standing water around timber constructions should also be avoided. Design-based protection measures include, for instance, ensuring that roof overhangs are sufficiently large, avoiding direct contact with the soil (remember to take splashing water into consideration), positioning surfaces at an angle, rounding off edges, and providing coverings for horizontal surfaces. An even greater level of protection can be achieved by impregnating the wood with an approved wood preservative before applying the decorative coating if desired.



- ① Providing covers and avoiding horizontal wood surfaces offers preventive protection against all types of moisture damage.
- ② To keep wood structures away from ground moisture, standing water and splashing water, they are mounted on metal supports.
- ③ Rounded and slanted edges and surfaces make it easier for water to run off and can be used to protect wooden windows and doors, for example.
- ④ Large roof overhangs provide excellent protection for wood structures and facades, as well as wooden doors and windows.

# Product systems for exterior wood

## Translucent systems

Product basis	Properties/advantages	Degree of gloss	Dimensionally stable (e.g. windows, exterior doors, conservatories)	Limited stability (e.g. matchboarding, laminated timber, exterior gates, balconies, folding shutters)	Not dimensionally stable (e.g. garden timber, carports, playground equipment, sheds, rustic wood cladding)
<b>Low-build stain / 3in1 Wood Protection Stain / Grey Stain</b>					
water-based	<ul style="list-style-type: none"> <li>fast drying</li> <li>long intervals between renovations</li> </ul>	matt	–	2-3x Aqua HSL-35/m	2-3x Aqua HSL-35/m
solvent-based	<ul style="list-style-type: none"> <li>long open time</li> <li>increased effectiveness</li> </ul>	matt	–	2-3x HSL-30/m 3in1	2-3x HSL-30/m 3in1
	<ul style="list-style-type: none"> <li>biocide-free</li> <li>water-repelling</li> </ul>	matt	–	2-3x HSL-32/m 3in1	2-3x HSL-32/m 3in1
Pre-greying effect based on renewable raw materials	<ul style="list-style-type: none"> <li>highly sustainable</li> <li>uniform grey tones in exposed and sheltered areas</li> </ul>	cloth matt	–	2x Aqua OVL-49/tm [eco]	2x Aqua OVL-49/tm [eco]
<b>Medium-build stain: universal for all dimensional stabilities</b>					
water-based	<ul style="list-style-type: none"> <li>fast drying</li> <li>very high UV protection</li> </ul>	silk matt	1x Aqua HSL-35/m 2-3x Aqua MSL-45/sm	1x Aqua HSL-35/m 2x Aqua MSL-45/sm	1x Aqua HSL-35/m 1-2x Aqua MSL-45/sm
solvent-based	<ul style="list-style-type: none"> <li>long open time</li> <li>with film preserver</li> </ul>	silk matt	1x HSL-30/m / HSL-32/m 2-3x MSL-40/sm	1x HSL-30/m / HSL-32/m 2x MSL-40/sm	1x HSL-30/m / HSL-32/m 1-2x MSL-40/sm
made from renewable raw materials	<ul style="list-style-type: none"> <li>highly sustainable, for sensitive areas of application</li> </ul>	cloth matt	2-3x Aqua OML-48/tm [eco]**	2-3x Aqua OML-48/tm [eco]**	2-3x Aqua OML-48/tm [eco]**
<b>High-build stain for particularly high-grade components</b>					
water-based	<ul style="list-style-type: none"> <li>very good flow properties, top resistance (PU content)</li> </ul>	matt, silk gloss	1x Aqua HSL-35/m 2-3x Aqua DSL-55/m/sg	1x Aqua HSL-35/m 2-3x Aqua DSL-55/m/sg	–
<b>Wood oil for terraces and garden timber</b>					
solvent-based	<ul style="list-style-type: none"> <li>very easy to apply</li> </ul>	matt	–	–	2x Maintenance Oil**/**
made from renewable raw materials	<ul style="list-style-type: none"> <li>highly sustainable</li> <li>intense pigmentation to extend intervals between renovations</li> </ul>	matt	–	–	2x Garden Wood Oil [eco]**/**
<b>Renovation of dark and grey surfaces</b>					
water-based / solvent-based	<ul style="list-style-type: none"> <li>fast drying</li> </ul>	silk matt, cloth matt	1-2x Aqua RG-27** 2x Aqua MSL-45/sm / MSL-40/sm / Aqua OML-48/tm [eco]	1-2x Aqua RG-27** 2x Aqua MSL-45/sm / MSL-40/sm / Aqua OML-48/tm [eco]	1-2x Aqua RG-27** 2x Aqua MSL-45/sm / MSL-40/sm / Aqua OML-48/tm [eco]

### Notes/additional information

General: If biocidal wood preservation is required: first apply an impregnation treatment of IG-10 / Aqua IG-15

\*\* If necessary, impregnate with Aqua IG-15 / IG 10 for wood susceptible to fungi, insufficient constructive wood protection or for an even higher level of protection

\*\*\* Not included in this product range, please request separately

## Opaque systems

Product basis	Properties/advantages	Degree of gloss	Dimensionally stable (e.g. windows, exterior doors, conservatories)	Limited stability (e.g. matchboarding, laminated timber, exterior gates, balconies, folding shutters)	Not dimensionally stable (e.g. garden timber, carports, playground equipment, sheds, rustic wood cladding)
<b>Cloth matt, textured surface / 3in1 paint</b>					
made from renewable raw materials	<ul style="list-style-type: none"> <li>highly sustainable, for sensitive areas of application</li> <li>Seals off substances in the wood</li> </ul>	cloth matt	3x Aqua OWF-68/tm 3in1 [eco]	2-3x Aqua OWF-68/tm 3in1 [eco]	2x Aqua OWF-68/tm 3in1 [eco]
<b>Universal 3in1 opaque coating</b>					
water-based	<ul style="list-style-type: none"> <li>seals off substances in the wood</li> </ul>	silk matt	3x Aqua VL-66/sm 3in1	2-3x Aqua VL-66/sm 3in1	2x Aqua VL-66/sm 3in1
	<ul style="list-style-type: none"> <li>seals off substances in the wood</li> <li>also for PVC and metal without separate adhesion and rust protection primer</li> </ul>	silk matt	-	2-3x Aqua ML-69/sm 3in1	2x Aqua ML-69/sm 3in1
	<ul style="list-style-type: none"> <li>very good flow properties, top resistance thanks to PU content</li> </ul>	matt, silk matt, silk gloss	1-2x Aqua AG-26* 1x Aqua DL-65/m/sm/sg*	1-2x Aqua AG-26* 1x Aqua DL-65/m/sm/sg*	-
solvent-based	<ul style="list-style-type: none"> <li>seals off substances in the wood</li> <li>long open time</li> </ul>	silk matt	3x VL-60/sm 3in1	2-3x VL-60/sm 3in1	2x VL-60/sm 3in1
<b>Classic weather protection paint</b>					
water-based	<ul style="list-style-type: none"> <li>highly opaque</li> <li>also with film preserver (Rofalin Acrylic Plus)</li> </ul>	matt	-	1-2x Aqua AG-26* 2x Rofalin Acrylic*	1-2x Aqua AG-26* 2x Rofalin Acrylic*

### Notes/additional information

General: If biocidal wood preservation is required: first apply an impregnation treatment of IG-10 / Aqua IG-15

\* For wood with high levels of active substances and light colours, prime with Aqua AG-26

# Product systems for interior wood

## Transparent / Translucent

Product basis	Properties/advantages	Degree of gloss	Low loads (e.g. ceiling and wall panelling)	Medium loads (e.g. furniture, interior doors & children's toys)	High loads (e.g. tabletops and worktops, stairs, parquet & cork floors)
<b>Coated surface</b>					
water-based	<ul style="list-style-type: none"> <li>resistant to abrasion and scratches</li> <li>2K-ready: add Aqua VGA 485 for even greater durability</li> </ul>	matt, silk matt, silk gloss	2x Aqua PL-413/m/sm/sg	2x Aqua PL-413/m/sm/sg	2-3x Aqua PL-413/m/sm/sg
<b>Varnished surface</b>					
water-based	<ul style="list-style-type: none"> <li>quick drying</li> <li>very high UV protection: prevents yellowing on softwood</li> </ul>	silk matt	2-3x Aqua MSL-45/sm	-	-
water-based	<ul style="list-style-type: none"> <li>very good flow properties, top resistance thanks to PU content</li> </ul>	matt, silk gloss	2-3x Aqua DSL-55/m/sg	2-3x Aqua DSL-55/m/sg	-
made from renewable raw materials	<ul style="list-style-type: none"> <li>highly sustainable, for sensitive areas of application</li> </ul>	cloth matt	2-3x Aqua OML-48/tm [eco]	-	-
<b>Oiled surface / look &amp; feel</b>					
oiled	<ul style="list-style-type: none"> <li>made from renewable raw materials</li> <li>a single application is often enough</li> </ul>	cloth matt	1 – 2x HSO-118 [eco]	1 – 2x HSO-118 [eco]	2x HSO-118 [eco]
Hard Wax Seal	<ul style="list-style-type: none"> <li>made from renewable raw materials</li> <li>look and feel of an oiled surface</li> <li>same durability as a 2K varnish</li> </ul>	cloth matt	If needed: 1x OB-008 2x Aqua HWS-712 [eco]	If needed: 1x OB-008 2x Aqua HWS-712 [eco]	If needed: 1x OB-008 2x Aqua HWS-712 [eco]

## Opaque

Properties/advantages	Degree of gloss	Low loads (e.g. ceiling and wall panelling)	Medium loads (e.g. furniture, interior doors & children's toys)	High loads (e.g. tabletops and worktops, stairs, parquet & cork floors)
<ul style="list-style-type: none"> <li>Barrier against nicotine &amp; substances in the wood</li> </ul>	silk matt	2-3x Aqua VL-66/sm	2-3x Aqua VL-66/sm	-
<ul style="list-style-type: none"> <li>Very good flow properties, top resistance thanks to PU content</li> </ul>	matt, silk matt, silk gloss		2-3x Aqua DL-65/m/sm/sg 1-2x Aqua PL-413/m/sm/sg (opt.)	2-3x Aqua DL-65/m/sm/sg 1-2x Aqua PL-413/m/sm/sg
<ul style="list-style-type: none"> <li>highly sustainable, for sensitive areas of application</li> <li>Seals off substances in the wood</li> </ul>	cloth matt	2-3x Aqua OWF-68/tm [eco]	2-3x Aqua OWF-68/tm [eco]	-

# Product systems for metal

Opaque	Properties/advantages	Iron and steel (e.g. fences, frames, railing, corrugated sheet metal / facades)	Aluminium (not anodised) (e.g. profiles, windowsills)	Zinc and galvanised steel (e.g. parapets, downpipes, gutters)
Universal 3in1 one-pot system	<ul style="list-style-type: none"> <li>only one product needed for the complete coating system</li> <li>tested corrosion protection "C3 long"</li> <li>apply by brush, roller or spraying</li> </ul>	3x Aqua ML-69/sm 3in1	clean with Aqua MR-91 2x Aqua ML-69/sm 3in1	clean with Aqua MR-91 2x Aqua ML-69/sm 3in1
Perfectly level coated surface	<ul style="list-style-type: none"> <li>very good flow properties, top resistance thanks to PU content</li> </ul>	1-2x Aqua AG-26 1x Aqua DL-65/m/sm/sg	clean with Aqua MR-91 1-2x Aqua AG-26 1x Aqua DL-65/m/sm/sg	clean with Aqua MR-91 1-2x Aqua AG-26 1x Aqua DL-65/m/sm/sg
Classic weather protection paint	<ul style="list-style-type: none"> <li>highly opaque</li> <li>diffusible, alkali-resistant, scrub-proof</li> </ul>	2-3x Aqua OML-48/tm [eco]	-	clean with Aqua MR-91 Aqua AG-26 (opt.) 2x Rofalin Acrylic

# Product systems for rigid plastics, old coatings and mineral substrates

Opaque	Properties/advantages	Rigid plastics (e.g. rigid PVC, PUR, acrylic, melamine resin)	Powder-coated components (e.g. corrugated sheet metal / facades, radiators, metal cladding)	Load-bearing old coatings (e.g. acrylate, PUR, alkyd resin, epoxy resin)	Mineral substrates (e.g. concrete, render, bricks, sand-lime brick)
Universal 3in1 one-pot system	<ul style="list-style-type: none"> <li>only one product needed for the complete coating system</li> <li>tested corrosion protection "C3 long / C4 moderate"</li> <li>apply by brush, roller or spraying</li> </ul>	clean with Aqua MR-91 2x Aqua ML-69/sm 3in1	clean with Aqua MR-91 2x Aqua ML-69/sm 3in1	2x Aqua ML-69/sm 3in1	-
Perfectly level coated surface	<ul style="list-style-type: none"> <li>very good flow properties, top resistance thanks to PU content</li> </ul>	clean with Aqua MR-91 1-2x Aqua AG-26 1x Aqua DL-65/m/sm/sg	clean with Aqua MR-91 1-2x Aqua AG-26 1x Aqua DL-65/m/sm/sg	1-2x Aqua DL-65/m/sm/sg	-
classic weather protection paint	<ul style="list-style-type: none"> <li>highly opaque</li> <li>diffusible, alkali-resistant, scrub-proof</li> </ul>	-	-	2x Rofalin Acrylic	Primer Hydro HF (opt.) 2-3x Rofalin Acrylic

# Get it done the right way

To achieve the best possible result, please take note of the following tips:



## General handling and application

- ✓ When working on large-scale projects with a large number of containers, be aware that colour and viscosity may vary between batches. In order to eliminate this risk, mix all the material together or make sure that different batches are not used on the same surface.
- ✓ Before you put paints and stains into storage, check the use-by date. As a general rule, unopened original containers can be kept for around two years, depending on the product. Under optimum storage conditions (15°C, dry and dark), it may also be possible to keep containers for longer.
- ✓ Stir the material thoroughly from bottom to top. There should be no specks, flocculation or particles in the material, and the material should be homogeneous. Coatings that have been damaged by frost can be identified in this way.
- ✓ When using a brush or roller to apply material, eye and skin protection should be worn.
- ✓ Active ingredients and other constituents aside from the solvent (e.g. water) have no gas phase. However, when applying material by spraying, suitable respiratory protection should be worn in

addition to skin and eye protection in accordance with the relevant safety data sheet due to the nebulisation effect and the aerosols that are generated as a result.

## Suitable tools and cleaning

- ✓ An acrylic brush with synthetic bristles is recommended for water-based coating materials. This prevents the bristles from absorbing water and swelling.
- ✓ For solvent-based coatings, a brush with natural bristles is recommended.
- ✓ Generally speaking, suitable rollers must pick up and apply sufficient material depending on the required film thickness. For coatings, we recommend microfibre rollers with a pile height of 5 – 8 mm or foam rollers, depending on the desired surface quality.
- ✓ As a rule, tools can be cleaned by materials with the same base as the product used (water for Aqua products, thinner for solvent-based products). See the applicable Technical Data Sheet for more information.
- ✓ For optimum tool cleaning after using water-based products, use a mixture of warm water and our cleaning concentrate Aqua RK-898 (art. no. 3868). For optimum cleaning of solvent-based products, use V 101 (art. no. 0978).

## Environmental and drying conditions

- ✓ As a rule, water-based coating materials should be used at temperatures between 15 and 25 °C (5 – 30 °C for solvent-based coating systems). Read the Technical Data Sheet in each case. The substrate, coating and air must all be at this temperature, and the correct temperature must be ensured until the product is completely dry.
- ✓ Always be aware that water-based products dry very quickly. It is therefore not recommended to use them at temperatures above 25 °C or in direct

sunlight. The open time of selected products can be extended by adding Aqua OZA-90 Open Time Additive.

- ✓ If the temperature drops below the specified level, film formation and adhesion problems may occur, which promote premature weathering.
- ✓ The moisture content in new wood must be no more than 18% where there is no or limited dimensional stability, and between 11% and 15% for dimensionally stable elements. If a wood surface feels moist, it should not be coated. Inadequate penetration and absorption into the substrate will reduce the lifespan of the coating.

### Adhesion to old coatings

- ✓ Before coating materials are used, an adhesion test should be performed on old coatings. Old coatings containing oil may reduce the adhesion, e.g. due to a high linseed oil content, and thus promote premature weathering.
- ✓ Adhesion test: To check the adhesion of a renovation coating, a scratch test must be performed on a trial area. If the coating detaches in large pieces when scratched with a knife or fingernail, this indicates inadequate adhesion. Better results can be achieved by sanding or priming (e.g. with Aqua AG-26, art. no. 7147). As the surface is damaged in this test, it should be carried out in an inconspicuous spot (e.g. under a cover or on an area that will be covered up later).

### Sanding

- ✓ As a general rule, sanding the substrate improves the adhesion, even on new planed wood. This improves the lifespan of the surface until it is time for a top-up coat. Film-forming old coatings should always be sanded off with P100 – 150 grit.
- ✓ Fine intermediate sanding (P180 – 240) should be carried out between coat applications in order to achieve an optimum surface appearance (important: do not sand all the way through).

### Dilution

- ✓ Generally speaking, our paints and stains are ready to use. If the substrate is highly absorbent, the first coat can be thinned: use water for water-based coatings, Aqua OZA-90 for suitable products,

and V 101 for solvent-based products. This can be done for example on weathered surfaces or rough-sawn wood. Thinning may also help if the ambient conditions (e.g. wind, sun) cause film-forming coatings to dry before they have levelled out properly. The information in the relevant Technical Data Sheet must be observed when thinning materials. Long storage times and keeping containers open for long periods may increase the viscosity (due to evaporation of the solvent) and necessitate thinning.

- ✓ Technical coatings (with a sealing effect or biocides) should not be thinned as the corresponding protection cannot be guaranteed at the lower concentrations, e.g. Aqua IG-15\*, Aqua HSL-35/m\*, Aqua AG-26 and Aqua VL-66/sm.

### Sealing effect

- ✓ With wood types containing high levels of substances that can cause staining (e.g. pine, larch, tropical wood), these substances may bleed through with a yellow appearance. Even products with sealing properties cannot fully prevent this. Fundamentally speaking, water-based coatings offer no protection against bleeding wood substances. Only coatings with proven effectiveness can prevent this from happening (e.g. Aqua AG-26 or Aqua VL-66/sm).
- ✓ One important detail: When using technical coatings (with a sealing effect), the specified application rates and drying times must be strictly adhered to in order to guarantee optimum protection.

\* Use biocides safely. Always read the label and product information before use.

# Maintenance and care based on DIN EN 927

In order to ensure that coated timber elements retain their value over the long term, regular upkeep and professional maintenance are required. The durability of the coating depends on the

- ✓ timber quality
- ✓ building structure
- ✓ climate conditions

The climate conditions and the building structure (position of the timber building elements) can be used as a basis for determining the stresses that act on the coating, and thus the time intervals that can be expected between top-up coats.

## Climate conditions according to DIN EN 927-1

- ✓ **moderate:** usually on the northern sides of buildings (north-west to north-east)
- ✓ **high:** usually on the eastern sides of buildings (north-east to south-east)
- ✓ **extreme:** usually on the southern, south-western and western sides of buildings (south-east to north-west)

## General principles

Depending on the exposure level (low, medium, high), degradation happens at different speeds. Different stages of weathering can be present on a single component/building at the same time. Subsequent maintenance intervals must be implemented depending on the condition of the timber components, the climate conditions and the construction. The owner is responsible for care and maintenance. This also includes inspection, cleaning, and refreshing and maintaining the coating. In order to ensure optimum protection of timber elements for years to come, the surfaces must be checked annually for wear and damage, such as fading, chalking, cracks, flaking, microbial infestation (mould, blue stain, algae), mechanical damage, etc. Damaged areas should be cleaned and then touched up or repaired immediately. Top-up coats should be applied before the surface of the wood becomes exposed due to weathering. The maintenance intervals depend on the exposure to weathering and, in the case of varnishes, on the colour used. Light colours have shorter maintenance intervals. Varnishes need to be checked more frequently and may need topping up more often. It is recommended that you conclude an inspection and maintenance agreement (maintenance plan) in order to preserve the value of your timber building elements. Information on maintenance and maintenance intervals for coated exterior components can be found in BFS data sheet no. 18, available at [www.farbe-bfs.de](http://www.farbe-bfs.de).

## Building structure

### ✓ **Protected:**

The building elements are protected against direct sunlight, rain and wind by wide roofs. Other climate conditions can have a direct effect. Outdoor climate, e.g. on recessed window elements in loggias, access gallery doors and soffits.

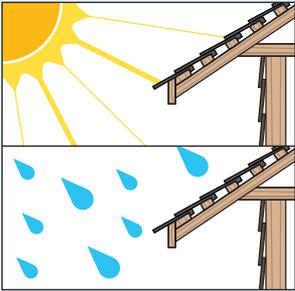
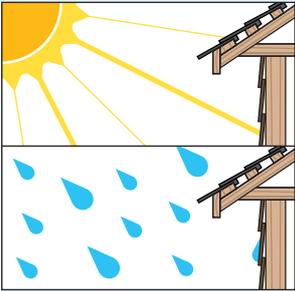
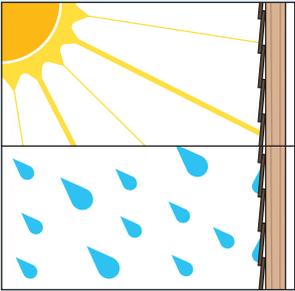
### ✓ **Partially protected:**

The building elements are located in areas with normal amounts of driving rain on buildings up to 3 storeys high, and are directly exposed to the climate conditions that are usual for the region, with a low amount of protection from design measures. Rain, sun and wind can have a direct effect on the building elements.

### ✓ **Not protected:**

The building elements are located in areas with high amounts of driving rain, or on buildings more than 3 storeys high, buildings with free-standing timber constructions, or buildings constructed on slopes, and are directly exposed to extreme climate conditions. The building elements are directly subjected to severe weathering due to rain, sun and wind.

## Stresses on the coating according to DIN EN 927-1

Timber component / construction			
Climate conditions / direction	protected	partially protected	not protected
			
moderate North-Northeast	weak	weak	medium
high Northwest-Southeast	weak	medium	strong
extreme South-Southwest	medium	strong	strong

Depending on the stresses as defined in DIN EN 927-1, experience has shown that a top-up coating tends to be required after the following time intervals.

Product	Weak	Medium	Strong
<b>Low-build stain</b> <ul style="list-style-type: none"> <li>▪ HSL-30/m</li> <li>▪ HSL-32/m</li> <li>▪ Aqua HSL-35/m</li> <li>▪ Aqua OVL-49/tm [eco]</li> </ul>	8 – 10 years	2 – 3 years	1 – 2 years
<b>Medium-build stain</b> <ul style="list-style-type: none"> <li>▪ MSL-40/sm</li> <li>▪ Aqua MSL-45/sm</li> <li>▪ Aqua OML-48/tm [eco]</li> </ul>	9 – 11 years	3 – 4 years	2 – 3 years
<b>High-build stain</b> <ul style="list-style-type: none"> <li>▪ Aqua DSL-55/m/sg</li> </ul>	10 – 12 years	4 – 5 years	2 – 3 years
<b>Opaque paints and varnishes</b> <ul style="list-style-type: none"> <li>▪ Rofalin Acrylic (Plus)</li> <li>▪ VL-60/sm</li> <li>▪ Aqua DL-65/m/sm/sg</li> <li>▪ Aqua VL-66</li> <li>▪ Aqua OWF-68/tm [eco]</li> <li>▪ Aqua ML-69/sm</li> </ul>	12 – 15 years	3 – 8 years	2 – 5 years

# We get it done so that you can get things done

Whatever you have in mind:

We at Remmers do everything to personally support you, your work, your project, your idea, your vision, to reach your goal.

We never stand still and we always go one step further for you.

We drive tomorrow's products and services forward. And strive for sustainable development. Because we know from over 70 years of experience: Progress comes from getting things done, success comes from getting things done, the future comes from getting things done.

What can we get done for you?  
Don't hesitate to get in touch.



**“Never stop  
starting and  
never start  
stopping.”**

Guiding principle of  
Bernhard Remmers,  
founder

Remmers is one of the leading specialists for construction chemicals, wood paints and coatings, and industrial coatings. Founded in 1949 by Bernhard Remmers, we are an independent and owner-managed family business to this day. Our head office is located in the German town of Lönigen in the Lower Saxony region – this is where we have our roots. At the same time, we have an international presence with 18 subsidiaries.



**Exceptional range  
of products and  
services**



**Tailored solutions**



**Production in  
Germany**

**≈ 1600**

**Highly qualified  
specialists Europe-  
wide**

## All the extras that we get done for you



**Personal service on  
site**



**Digital services**



**Delivery within 24  
hours in Germany**



**Remmers International  
Guarantee**



**Competence Centres,  
Training and Service  
Centre**



**Bernhard Remmers  
Academy**



**Remmers  
Professional Planning**



**Bernhard Remmers  
Institute for Analytics**

# We get it done!

**We are there for  
you with a fast and  
personal response.**



Find your  
local contact

**Find out what we  
can get done for you:**



Subject to changes. The current version of the applicable Technical Data Sheet is relevant for legal matters.

Colour variations are possible.

Global contact:

[www.remmers.com/remmers-worldwide](http://www.remmers.com/remmers-worldwide)

**Remmers GmbH**  
Bernhard-Remmers-Straße 13  
49624 Lönningen  
+49 (0) 54 32/83-0