

What do you want to get done?

Energetic retrofitting and mould control

Systems for targeted damp
protection and effective heat insulation

All-round solutions





Energetic retrofitting and mould control

Targeted initial measures and long-lasting refurbishment solutions

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Subject to amendments and errors.

The stated values are based on our laboratory values, and individual variations are possible (e.g. shape, colour, size and weight). All information is therefore non-binding and subject to change. Only the product values/information in our Technical Data Sheets are binding (these can be obtained from our specialist advisors or at www.remmers.com).



Prevention is better than cure

The global energy crisis is affecting us all. The predicted price of fossil fuels such as petroleum, natural gas and coal is rising relentlessly, especially due to the increasing costs of CO₂ certificates. And this is not just due to political uncertainties. In addition to the increasing scarcity of fossil fuels, the advancing climate change caused by greenhouse gases is beginning to be felt.



Our policymakers are faced with the challenge of finding intelligent solutions.

But we as individuals each have a role to play too – by changing and reducing our consumption habits, and by making smart purchasing decisions. In this way, we can all help to cut emissions and reduce our impact on the environment. Sustainable, affordable solutions that enable us to save energy and reduce energy demands must be put into practice. This is the only way to sustainably reduce costs, emissions and interdependencies.

Decades of experience in the field of energy and mould control have enabled us to develop a broad knowledge base and sophisticated product solutions. We offer intelligent solutions tailored to the construction site situation and usage requirements.



Damp protection is thermal protection

A holistic refurbishment concept for maximum wellbeing

Quality of energetic retrofitting

When carrying out energetic retrofitting and energy-efficiency improvements, the interplay of all individual measures must be considered. In addition to improving the energy standard, it is usually also necessary to provide protection against driving rain for the existing structure. This is critical to the overall refurbishment quality.

Thermal insulation capacity and heat retention

Damp building materials are at risk of frost damage and biological attack by fungi, algae, lichens and mosses. But that's not all – the thermal insulation capacity is significantly worse when building materials are damp instead of dry. This is mainly due to the fact that water has a much higher thermal conductivity than air, meaning that water-filled pores can transfer greater amounts of heat than air-filled ones. As the moisture content increases, the thermal conductivity of a building material increases significantly too. Therefore, one of the key requirements for energetic retrofitting is reducing the damp content in the building materials.

TU Dresden used the Delfin simulation program, which simulates coupled heat, moisture and material transport in capillary-active, porous building materials, to investigate the hygrothermic properties of different interior insulation systems on an interior wall waterproofing system. The study showed that without protection against moisture, it is not possible to achieve thermal protection either. It also demonstrated that the combination of waterproofing and insulation system composed of Remmers products significantly improves the indoor climate.

The wall surface temperatures are increased, air humidity in areas near the surfaces is reduced, and the room hygiene and energy situation are tangibly improved.

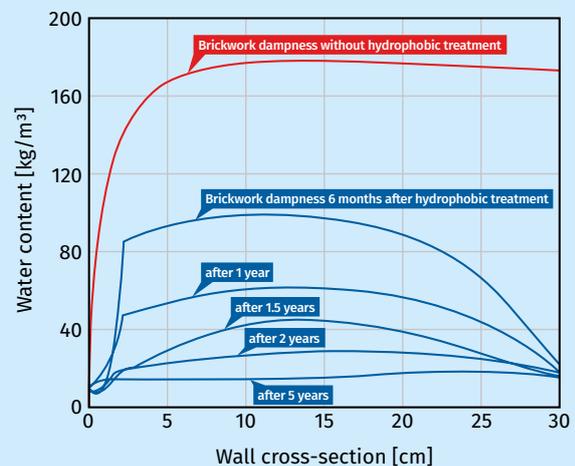
Damp in building materials

The impact of driving rain, i.e. rain driven by the wind, is the most common and obvious cause of moisture ingress in facades. Generally speaking, facades coated with modern paint systems are adequately protected against the ingress of rainwater. Stone-faced facades or those without a colour finish require “invisible” protection.

In this case, hydrophobic impregnation products are used. These materials minimise capillary water uptake while preserving the diffusion capabilities of the masonry.

Protection against driving rain

Studies at the Fraunhofer Institute for Building Physics in Holzkirchen have shown that even an extremely damp brick wall dries out within approximately two years after being treated with a hydrophobic agent.



Damp levels on brickwork exposed to driving rain, before and after hydrophobic treatment (source: Fraunhofer Institute for Building Physics in Holzkirchen)

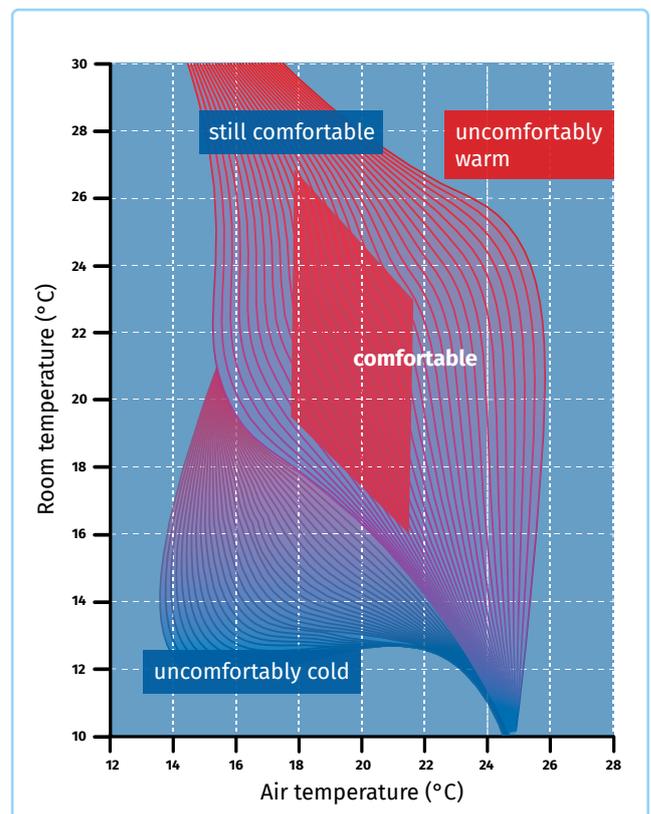
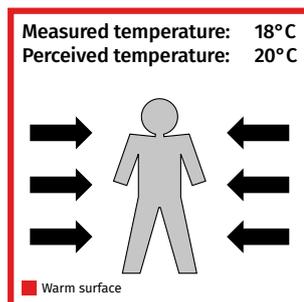
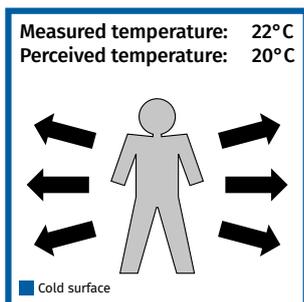


Cut heating costs and live more comfortably

High energy efficiency standards pay off, as considerable sums can be saved on heating costs year after year. A dry and intelligently insulated building is the foundation for a comfortable and environmentally friendly home that offers a healthy living environment. Well-insulated walls and windows have pleasantly warm surfaces and guarantee a high level of living comfort. The perceived comfort results from the interaction between the different temperatures of the walls, windows and air.

If the walls are warm, much less heating is needed to achieve the same level of comfort. By increasing the wall surface temperature by just 1 °C, the room temperature can be reduced by 2 °C while maintaining the same perceived comfort level. This amounts to an average saving of approx. 6% on energy costs. At the same time, the heating phases necessary for

maintaining the temperature of a room are significantly shortened. The wall former of internally insulated building components is not heated up as well, and the room can be used at a comfortable temperature for a short time. This once again significantly optimises the energy utilisation.





Mould

Causes of mould growth

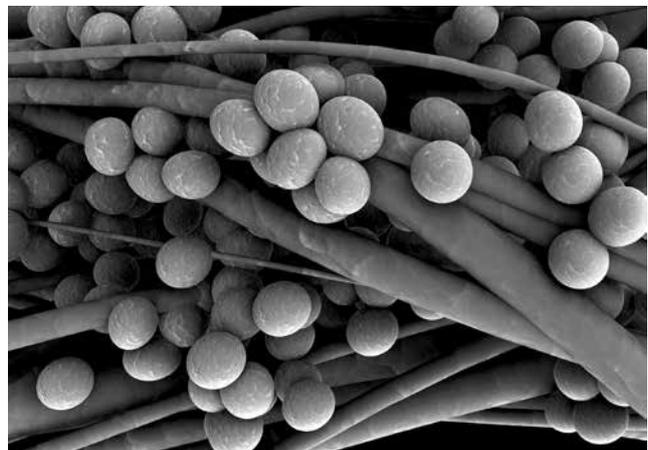
Mould growth is one of the most common dangers to health in living areas. If mould is growing on a building element, this can be due to a variety of causes. In addition to excessive indoor humidity or insufficient surface temperatures, these can include damp in the building element or particular properties of the substrate. As a general rule, the risk of mould increases with the temperature difference between the indoor air and the wall surface. Therefore, wall surfaces in the area of heat bridges are particularly affected, as

the lowest temperatures are present here. To prevent mould growth, the standards of “hygienic minimum thermal insulation” must be met at every point in the room.

- ✓ The surface temperature in the room must be at least 12.6 °C.
- ✓ The relative humidity at the wall surface must not exceed 70%.



Close-up view of mould spores



Mould culture under the microscope

Identify, evaluate, refurbish

Smaller mould-infested areas up to a size of 0.5 m², e.g. superficial infestation without structural defects, can be cleaned by individuals using Clean SF without the need for specialist personnel. The precautionary principle always applies, according to which potentially harmful exposures due to mould infestation must be minimised. We always recommend that you seek professional advice beforehand.

A good measure for rooms at risk of or contaminated with mould, without any water ingress in the building components or structural defects, is to apply a coat of Color SA plus, which contains silver to combat micro-organisms.

There are a variety of long-term solutions for building components whose construction does not meet the requirements of DIN 4108 with regard to “hygienic minimum thermal insulation” or whose deepest levels are saturated with damp.

Here, Remmers offers a wide range of options for implementing damp-proofing and heat insulation in a single step. Depending on the objectives and the quality of the intended energy standard, our refurbishment systems not only reliably protect against new mould attacks, they also noticeably reduce energy costs while conserving resources sustainably.

All Remmers systems – the mould control plaster SP Top SL [basic], the non-flammable calcium silicate panels SLP CS, the eco-friendly Power Protect [eco] restoration panels, and the high-performance product iQ-Therm 2.0 – are capillary-active, open to water vapour diffusion, and thermally insulating. They are all capable of absorbing condensation and releasing it back into the indoor air over a large surface area during periods of evaporation. The surface remains permanently dry even in the case of wall constructions with complicated building physics, giving mould spores no opportunity to grow.

Personal protection and precautionary measures when eliminating a minor mould infestation

- Do not touch mould with bare hands – wear plastic gloves
- Avoid breathing in mould particles – wear simple respiratory protection and dispose of after use
- Wear safety goggles
- Wash clothing thoroughly after completing the work
- Pack contaminated and unusable materials in tear-proof bags so that they are air-tight and dust-tight, and dispose of as domestic waste

(from info box 13 – guidelines for mould in buildings – Federal Environment Office <http://bit.ly/2dowYYI>)



Refurbishment systems for every application

Initial measures and refurbishment solutions for mould and damp

	Extent of damage	Category 1 Normal state or minor mould infestation	Category 2 Minor to moderate mould infestation	Category 3 Major mould infestation
Remmers recommendation	Advantages and goal	Minor surface damage < 20 cm ²	Area affected ≤ 0.5 m ² , lower layers only affected locally	Large area affected > 0.5 m ² , deep layers also affected
Spore Binder Solvent-free and plasticiser-free special primer	Trapping of mould spores	✓	✓	
Clean SF Active special cleaner	Removing mould stains	✓	✓	Refurbishment by specialist company recommended

Please note: Mould infestations up to < 0.5 m² (category 1) can be dealt with by private individuals. In the event of a more major infestation (category 2 and 3), a specialist firm should be used. Information about quality criteria for a specialist firm can be found online: <https://www.umweltbundesamt.de/en/topics/health/environmental-impact-on-people/mould>



Long-term solutions with heat insulation

Refurbishment systems that improve energy standards

	Extent of damage	Constantly high humidity	Condensation accumulation on component surface	Component saturated with moisture
Remmers recommendation	Advantages and goal	RH > 70 < 95% <ul style="list-style-type: none"> ▪ Elevated moisture production ▪ Incorrect or inadequate ventilation ▪ Under-dimensioned ventilation elements 	RH ≥ 95% <ul style="list-style-type: none"> ▪ Inadequate thermal protection ▪ Heat bridges 	<ul style="list-style-type: none"> ▪ Rising damp ▪ Inadequate driving rain protection ▪ Cracks in the outer skin of the building
Color SA plus: This interior wall paint contains microsilver and offers good protection against mould growth as long as there are no structural defects	Colour finish - Naturally antiseptic 	✓	✓ Advisable as interim solution/initial measure and prevention	Not suitable as sole measure
Power Protect P 25 / P 40 [eco] These mould control panels consist of heat-insulating, mineral perlite and eco-friendly cellulose, and meet high ecological standards. Power Protect [eco] has been awarded the "Blue Angel" ecolabel	Interior insulation & mould control panels – Ecologically sound Purchase decision  	✓	✓ Additional benefits: Heat insulation, increased living comfort	Not suitable as sole measure
SLP CS 25/30/50 These mould control panels consist of calcium silicate and are available in thicknesses of 25, 30 and 50 mm. They are also extremely absorbent	Mould control panels <ul style="list-style-type: none"> ▪ Rapid moisture distribution ▪ High sorptive water uptake ▪ Non-flammable 	✓	✓ Additional benefits: Heat insulation Building material class A1: not flammable, not ignitable, does not contribute to fire load	Not suitable as sole measure
iQ-Therm 2.0 30/50/80/120 NEW An update to the smart combination of high-performance insulating material and special mortar with unparalleled performance in strip technology	Interior insulation & mould control panels <ul style="list-style-type: none"> ▪ Premium strip-technology solution that makes use of the synergies between high-performance insulating material and functionalised moisture transport 	✓	✓ High-performance heat insulation, positive eco-credentials according to the EPD standard Flexible strip technology, easy and safe to cut and install	Not suitable as sole measure
SP Top SL [basic] Preferable for use on uneven substrates. This mould control plaster is water vapour permeable, has good capillary conductivity, and speeds up the drying of damp surfaces	Plaster - mineral-based, suitable for single-layer application thicknesses of 20–50 mm, especially for uneven substrates 	✓	✓ Additional benefits: Heat insulation	Not suitable as sole measure
Remmers building waterproofing & facade protection systems	Tailored systems for sustainable moisture protection and individual solutions for a long-lasting and attractive finish	✓	✓ Advisable in individual cases or as support measure	✓ Advisable in individual cases or as support measure



Color SA plus

Naturally antiseptic for initial intervention and prevention

Color SA plus is a high-quality, low-emissions interior wall paint with intelligent functions and added microsilver. This microsilver technology has a broad spectrum of action against a wide range of microbes, from fungi all the way to antibiotic-resistant hospital pathogens. When spores or germs make contact with a surface coated with Remmers Color SA plus, the silver particles act on them via direct contact. Vital metabolic processes of the microorganisms are blocked so that their cells die on the surface of the paint.

There is no indoor air pollution; the silver active ingredient is absolutely harmless to humans. It is chemically bonded to the coating and retains its broad antimicrobial effect permanently, in contrast to conventional biocides which are used up relatively quickly.

We recommend Color SA plus wherever there are special requirements for safety and hygiene: in the medical sector, such as in hospitals, nursing homes or doctors' surgeries, but also in other commercial indoor spaces that need to be kept as germ-free as possible, such as general rooms in the healthcare system as well as in the food industry. Of course, Color SA plus can also be used in private homes. Color SA plus is diffusion-open, solvent-free and non-flammable. It is also highly resistant to scrubbing, has excellent opacity, and is very easy to apply.

Safety thanks to naturally antiseptic effect:

- Surface is protected against infestation with microorganisms
- No pollution of the indoor air
- No health risks to room users when used as intended
- Silver active ingredient is chemically bonded to the coating
- Long-lasting, broad spectrum of antimicrobial action that doesn't get used up



When spores or germs make contact with a surface coated with Remmers Color SA plus, the silver particles act on them via direct contact. Vital metabolic processes of the microorganisms are blocked so that their cells die on the surface of the paint.

When used as intended, Color SA plus poses no health risk to room occupants, as the active ingredient does not pollute the room air. It is chemically bonded to the coating and retains its broad spectrum of antimicrobial action permanently without getting used up.



Power Protect [eco]

The eco-friendly interior insulation that increases the energy standard

Many remediation systems promise to tackle the causes of mould infestation. Often, however, one has to make concessions in terms of health, environmental compatibility and sustainability. This is why Remmers developed the Power Protect [eco] system. The suffix [eco] stands for maximum sustainability and a positive interaction with the environment.

The Remmers Power Protect renovation panels are made from an innovative mixture of the thermally insulating mineral perlite and environmentally friendly (recyclable) cellulose. The Remmers Power Protect system does not release any harmful or allergy-triggering substances. The mould remediation panels are extremely low-emission, prevent the formation of condensation on the wall surface and

ensure efficient humidity regulation in the house. On top of this, they're also safe and easy to work with. For a natural feeling of wellbeing and greater quality of living in the home.



www.blauer-engel.de/uz132



Tested for healthy living in every respect

Eco-friendly products have a key role to play, especially indoors. The [eco] products from Remmers have been awarded several distinguished quality seals. This documents that the products are, among other things, particularly low in emissions and harmless to people and the environment.





Power Protect [eco] has guaranteed resistance to mould. This means that it exhibits no material loss, structural damage or disintegration of binding agents after long-term exposure to a mix of spores that is typical for living spaces. You can find the latest test report for the Power Protect [eco] system from Dr C. Messal at MICOR, the renowned laboratory for microbial processes, at www.remmers.com.

Power Protect [eco] belongs to the category of products that are proven to be responsibly manufactured and has therefore been awarded the "Blue Angel" quality seal. This seal identifies products that meet high standards with respect to the environment, health, and performance characteristics. In this way, it is a reliable indicator and guide for eco-conscious purchase decisions.

The benefits at a glance:

- ✓ Environmentally friendly and sustainable product
- ✓ Awarded the "Blue Angel" ecolabel
- ✓ Better thermal insulation [$\lambda = 0.05 \text{ W}/(\text{m}\cdot\text{K})$] than calcium silicate panels [$\lambda = \text{approx. } 0.07 \text{ W}/(\text{m}\cdot\text{K})$]
- ✓ Sulphate-resistant bonding agent
- ✓ Lightweight yet highly stable product
- ✓ Easy to handle and use
- ✓ Small batch sizes (also suitable for small-scale projects)
- ✓ All system products from a single source



Think smart. Live sustainably.

Energetic retrofitting for an improved quality of life

We are spending more and more of our time at home. It's a place of retreat where we live, relax and feel secure. When renovating their home environment, many people focus on energy-efficient construction, not least because of ever stricter legal requirements for energy efficiency in buildings.

However, the trend towards increasingly dense buildings also brings negative side effects, such as lower air exchange. This often means higher exposure to vapours from building materials and the formation of mould. That is why we cannot be indifferent to the materials we use for refurbishment, because even the smallest amounts of pollutants released into the living environment can have a negative impact on the health of occupants.



The Remmers Power Protect [eco] system does not release any harmful or allergy-triggering substances. The mould remediation panels are extremely low-emission, prevent the formation of condensation on the wall surface and ensure efficient moisture regulation in the house. On top of this, they're also safe and easy to work with. For a natural feeling of wellbeing and greater quality of living in the home.

Power Protect P 25 / P 40 [eco]

Insulating panel for environmentally sustainable mould control

Application

- ✓ Mould remediation and prevention in existing buildings
- ✓ Establishment of the minimum hygienic thermal insulation standard for existing building substance
- ✓ Improvement of the indoor climate thanks to increased wall surface temperature
- ✓ Ecological improvement of energy standards

Property profile:

- ✓ Protects health and the environment, awarded the "Blue Angel" ecolabel
- ✓ Open to vapour diffusion
- ✓ Capillary-active
- ✓ Thermally insulating, λ approx.: 0.05 W/(m•K)
- ✓ Tested and certified mould resistance
- ✓ Euro class B-s1, d0
- ✓ Low construction height
- ✓ Easy to apply



Structure	Product / Product details	Application rate
1 Adhesive	PP Fix p. 33	~ 1.4 kg/m ² /mm
2 Panels	Power Protect P 25 / P 40 [eco] p. 34	~ 1.4 panels/m ²
3 Fine filler Q3+ reinforcement	SL Fill Q3 p. 41 Tex 4/100 p. 46	~ 1.2 kg/m ² /mm ~ 1.1 m ² /m ²
4 Optional: Fine filler Q4	SL Fill Q4 p. 41	~ 1.1 kg/m ² /mm
5 Colour finish	Color SL p. 47	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic p. 47	~ 0.2 – 0.25 l/m ² per coat



SLP CS

The traditional way to improve energy efficiency and eliminate mould for good

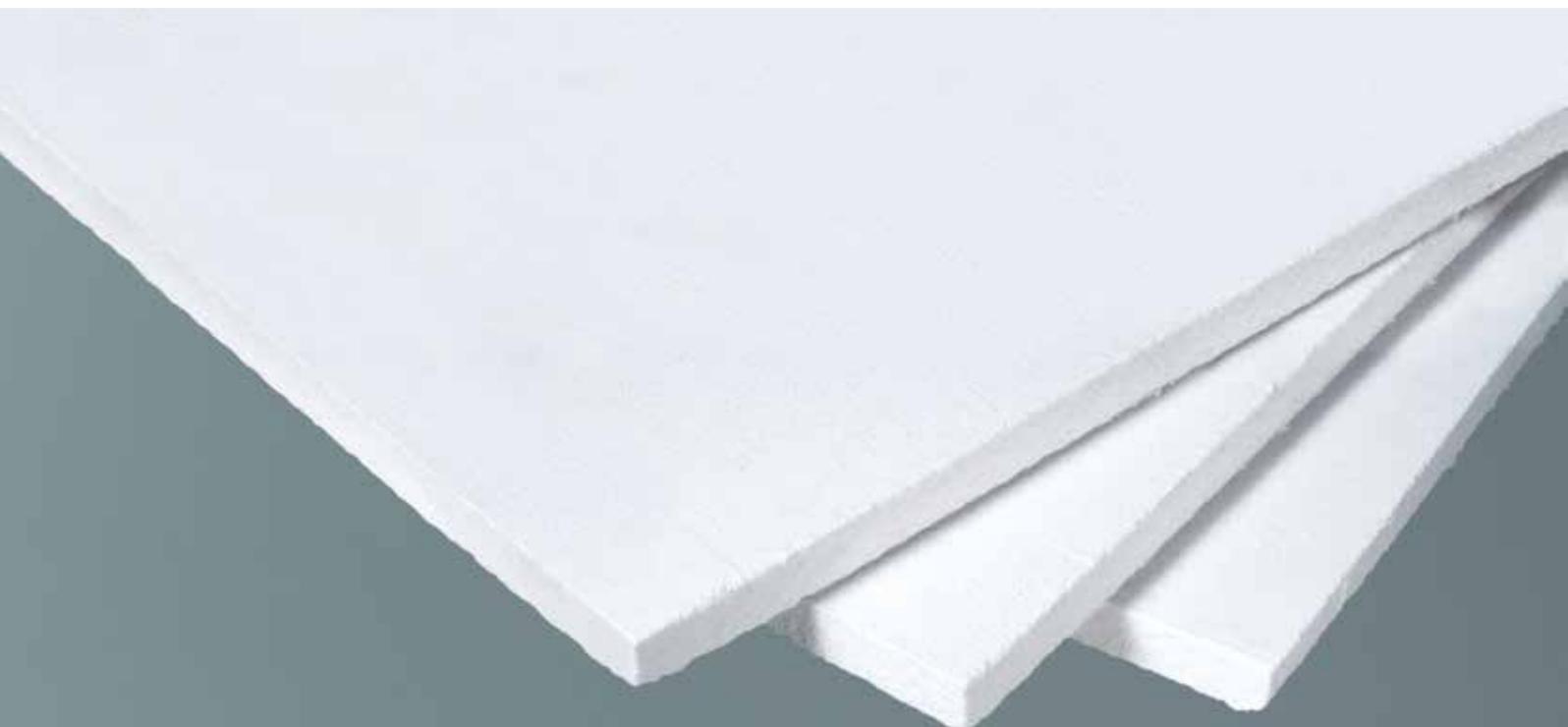
The mould remediation panels from Remmers are made of cellulose-reinforced calcium silicate. They are diffusion-open, thermally insulating and extremely absorbent. Any condensation is absorbed and released back into the room air over a large area during periods of evaporation. The surface remains permanently dry, giving mould spores no opportunity to grow. The high pH value of approx. 10.5 (alkaline) further impedes mould growth.

Calcium silicate renovation panels are suitable for the permanent elimination of condensation on the inside of exterior walls and its associated phenomena such as musty odour, disintegration of interior plaster, peeling of wallpaper and coatings, as well as mould growth and the health problems often associated with it. If there are other causes of moisture besides condensation, these must be determined by a specialist. Structural building defects, such as defective horizontal and/or

vertical seals, or facades that are not impervious to driving rain, must always be eliminated.

The benefits at a glance:

- High sorptive water uptake
- Fast moisture distribution
- Improves the indoor climate
- Heat-insulating
- Naturally alkaline material, harmless to health
- Low-allergy
- Non-flammable, fire class A1
- Not ignitable, does not contribute to fire load
- Available in 25, 30 and 50 mm
- Panel technology for quick and easy installation





SLP CS 25 / 30 / 50

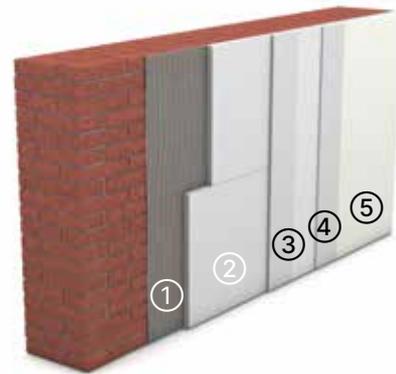
Calcium silicate interior insulation panels for energy efficiency and damp control refurbishment

Application

- ✓ Mould remediation and prevention in existing buildings
- ✓ Establishment of the minimum hygienic thermal insulation standard for existing building substance
- ✓ Improvement of the indoor climate thanks to increased wall surface temperature
- ✓ Improved energy standards

Property profile:

- ✓ Thermal insulation and mould inhibition
- ✓ Water vapour diffusion open
- ✓ Capillary-active
- ✓ No quartz sand or powdered quartz
- ✓ Thermal conductivity λ approx.: 0.07 W/(m•K)
- ✓ Building material class A1 (non-flammable)
- ✓ Low construction height



Structure	Product / Product details	Application rate
1 Adhesive mortar	SLP Fix p. 34	~ 1.2 kg/m ² /mm
2 Panels	SLP CS 25 / 30 / 50 p. 36	2 pcs/m ²
3 Fine filler Q3+ reinforcement	SL Fill Q3 p. 41 Tex 4/100 p. 46	~ 1.2 kg/m ² /mm ~ 1.1 m ² /m ²
4 Optional: Fine filler Q4	SL Fill Q4 p. 41	~ 1.1 kg/m ² /mm
5 Colour finish	Color SL p. 47	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic p. 47	~ 0.2 – 0.25 l/m ² per coat



iQ-Therm 2.0 – the update

The high-performance interior insulation based on strip technology

iQ-Therm 2.0 is an update to the smart combination of high-performance insulating material and special mortar with unrivalled performance on the market. The strip technology is flexible and easy to apply, for unbeatable application properties, functionality and safety. Application is simple and efficient. An optimum combination of sophisticated product characteristics maximises the synergistic effects of high-performance heat insulation and perfectly balanced moisture regulation for virtually any construction site situation. iQ-Therm 2.0 is the most high-performance interior insulation system from Remmers. Not only does its high level of thermal insulation significantly improve the quality of living, it is also guaranteed to be mould-resistant.

For the perfect energy-efficient retrofitting, you can choose from 30, 50, 80 and 120 mm iQ-Therm strips and combine them with the special, diffusion-open adhesive mortar and thin-coat plaster iQ M universal.

On request and if there is a need for increased moisture buffer, we recommend the climate-regulating plaster iQ Top as an alternative finishing coat with system heights from 10 to 15 mm. The result is a streamlined wall construction with reliable hygienic thermal insulation and a noticeably improved quality of living.

The benefits at a glance:

- Flexible strip technology, easy and safe to cut and install
- Extremely thin and highly insulating
- Meets the requirements for hygienic minimum thermal insulation
- Zero mould guaranteed
- Virtually free choice of surface design with diffusion-open wall coating systems
- Saves energy costs and protects the environment
- Positive life cycle assessment according to EPD standard, recognised in Europe

iQ-Therm 2.0 - 30/50/80/120

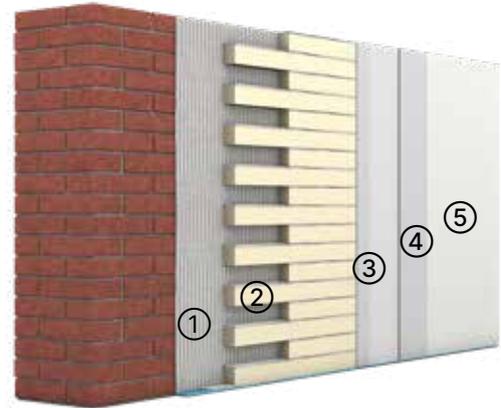
Capillary-active PUR rigid foam interior insulation system for creating highly insulating, diffusible interior insulation with capillary moisture transport

Application

- ✓ Energy modernisation
- ✓ Mould remediation and prevention in existing buildings
- ✓ Establishment of the minimum hygienic thermal protection standard for existing building substance
- ✓ Improvement of the indoor climate thanks to increased wall surface temperature

Property profile:

- ✓ Strip-shaped
- ✓ Excellent thermal insulation
- ✓ Open to vapour diffusion
- ✓ Capillary-active
- ✓ λ (EU nominal values):
 - iQ-Therm system 2.0 (30 mm) ~ 0.028 W/(m•K)
 - iQ-Therm system 2.0 (50 mm) ~ 0.028 W/(m•K)
 - iQ-Therm system 2.0 (80 mm) ~ 0.026 W/(m•K)
 - iQ-Therm system 2.0 (120 mm) ~ 0.025 W/(m•K)
- λ nominal value in system/once installed approx. 0.004 W/(m•K) higher in each case
- ✓ Building material class B1 low-flammability as per DIN 4102-1
- ✓ Reaction to fire class B-s1, d0 (DIN EN 13501-1)
- ✓ Low construction height, choice of 30, 50, 80 & 120 mm
- ✓ Easy to apply
- ✓ Thermal insulation material according to DIN 4108-10



Structure	Product / Product details		Application rate
1 Bonding	iQ M universal	p. 33	~ 1.3 kg/m ² /mm
2 Strips	iQ-Therm 2.0 30/50/80/120	p. 38	~ 0.85 strips/m ~ 6.8 strips/m ²
3 Thin-coat plaster Q3	iQ M universal	p. 42	~ 1.3 kg/m ² /mm Min. layer thickness 5 mm
+ reinforcement	Tex 4/100	p. 46	~ 1.1 m ² /m ²
Alternative: Climate-regulating plaster Q2	iQ Top	p. 43	~ 0.6 kg/m ² /mm
+ reinforcement	Tex 6.5/100	p. 46	~ 1.1 m ² /m ²
4 Optional: Fine filler Q4	SL Fill Q4	p. 41	~ 1.1 kg/m ² /mm
5 Colour finish	Color SL / Color Si	p. 47	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic	p. 47	$\sim 0.2 - 0.25$ l/m ² per coat



Remmers iQ-Therm 2.0 NEW

Guaranteed freedom from mould and thermal insulation standards thanks to a sophisticated system comprising an organic, high-performance insulating material and a diffusion-open, mineral mortar.

SP Top SL [basic]

Ingenious combination of capillary conductivity and water storage capacity

Capillary-active climate-regulating plaster

SP Top SL [basic] is permeable to water vapour, has good capillary conductivity and accelerates the drying of damp surfaces. With its low thermal conductivity coefficient, it also has heat-insulating properties. This increases temperatures and decreases relative humidity on the inner wall surface, thus preventing spore germination. Thanks to the combination of capillary conductivity and water storage capacity, SP Top SL [basic] from Remmers is able to remove water in such a way that it is no longer available to microorganisms, even under unfavourable external or internal climatic conditions that set condensation processes in motion. SP Top SL [basic] makes use of all the above properties to prevent mould growth.

Thanks to its low weight per unit area and favourable deformation behaviour, SP Top SL [basic] can also be used on substrates with low strength and low load-bearing capacity, e.g. on historic buildings. It can be used on all mineral wall building materials that are suitable for plastering, as well as plaster substrates to repair walls at risk of mould, to prevent condensation processes and as part of energetic retrofitting.

The benefits at a glance:

- Total pore space approx. 80%
- Thermally insulating [$\lambda = 0.125 \text{ W}/(\text{m}\cdot\text{K})$]
- Sorptive water uptake of $1.3 \text{ l}/\text{m}^2$ at 80% RH and a layer thickness of 2 cm
- Optimum water release during ventilation intervals





SP Top SL [basic] / Mould control plaster

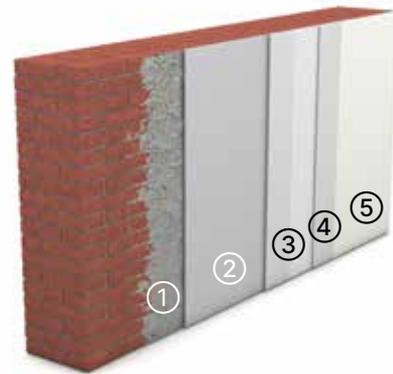
Capillary active, climate-regulating plaster, in particular for mould control

Application

- ✓ Repair, refurbishment and renovation of damp walls and floors that are susceptible to mould infestation
- ✓ Humidity regulation indoors
- ✓ Energetic retrofitting on exterior walls

Property profile:

- ✓ Diffusion open and capillary active
- ✓ High proportion of pore volume with capillary condensation action
- ✓ Heat-insulating
- ✓ λ approx.: 0.15 W/(m•K)
- ✓ Two-layer application thickness up to 50 mm
- ✓ High sulphate resistance and low effective alkali content (SR/NA)
- ✓ Machine-workable



Structure	Product / Product details	Application rate
1 Preparatory mortar	SP Prep p. 44	~ 4 - 6 kg/m ²
2 Climate-regulating plaster	SP Top SL [basic] p. 45	~ 5.6 kg/m ² /cm
3 Fine filler Q3+ reinforcement	SL Fill Q3 p. 41 Tex 4/100 p. 46	~ 1.2 kg/m ² /mm ~ 1.1 m ² /m ²
4 Optional: Fine filler Q4	SL Fill Q4 p. 41	~ 1.1 kg/m ² /mm
5 Colour finish	Color SL p. 47	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic p. 47	~ 0.2 - 0.25 l/m ² per coat

Proof of moisture protection according to WTA recommendation

WTA Leaflet 6-4 states:

“Retrofitted interior insulation on external walls has a particular influence on the physical behaviour of the existing construction. Particular attention must be paid to water vapour diffusion from the inside to the outside with possible condensation on the former inner surface of the building component and the limited drying potential of the outer wall after exposure to driving rain.” (Translated from the original German specifications)

Hygrothermal simulation calculations with coupled heat-moisture transport are recommended in order to install interior insulation safely from a building physics point of view.

These hygrothermal calculations can be created in a user-friendly and very clear format with iQ-Lator.

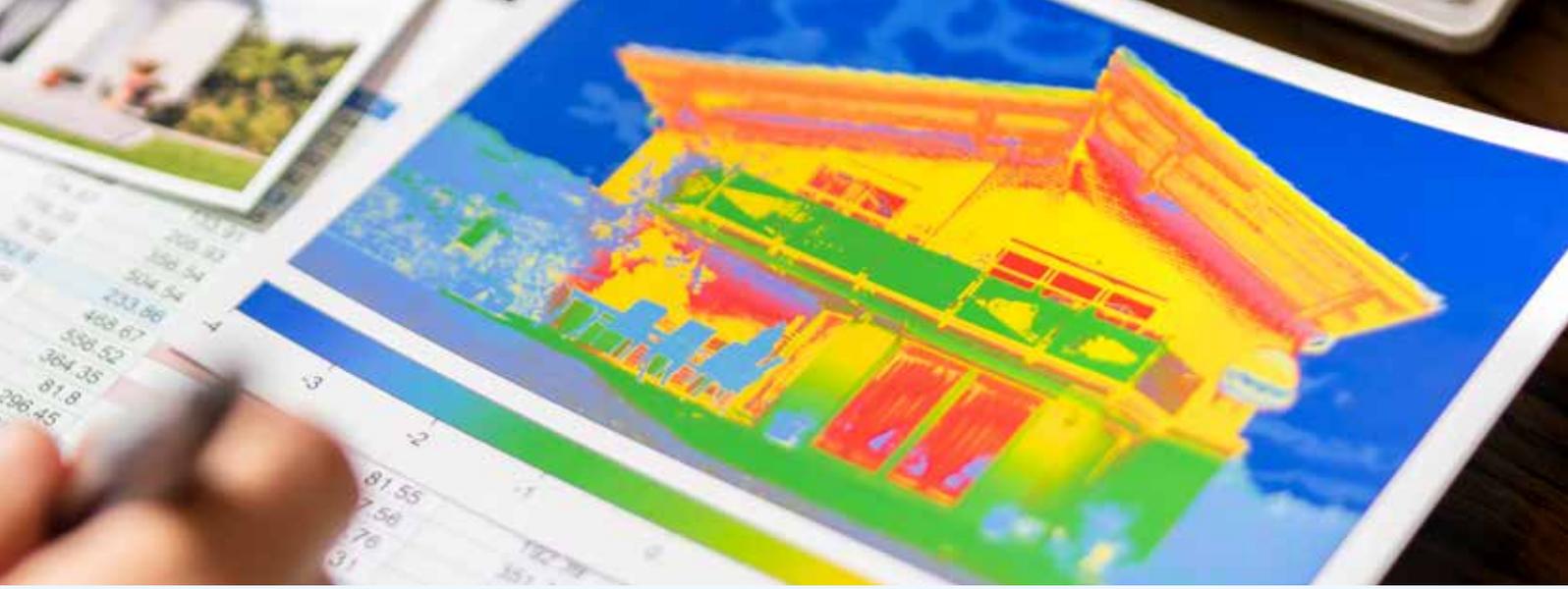
iQ-Lator is a software program for hygrothermal simulations of surrounding constructions. In a similar way to the Glaser method, iQ-Lator calculates condensate that occurs between the component layers.

In reality, however, this condensate is distributed within the different building materials and layers. Glasor does not take the resulting liquid water transport into account, unlike in the case of a calculation algorithm with coupled heat/moisture transport such as iQ-Lator.

The advantage of this simulation calculation with iQ-Lator is a realistic assessment of the wall former in terms of building physics. Clear and comprehensive calculation results of situations before and after a renovation, including comparative simulations with different interior insulation renovation systems, can be achieved with iQ-Lator.

It can be estimated how a construction will behave in terms of building physics under the selected conditions. These hygrothermal assessments can be carried out e.g. for exterior walls, including those with ground contact, and roofs. For verification of a construction detail, we recommend using numerical simulation programs (such as DELPHIN or Wufi).





iQ-Lator – the professional simulation program

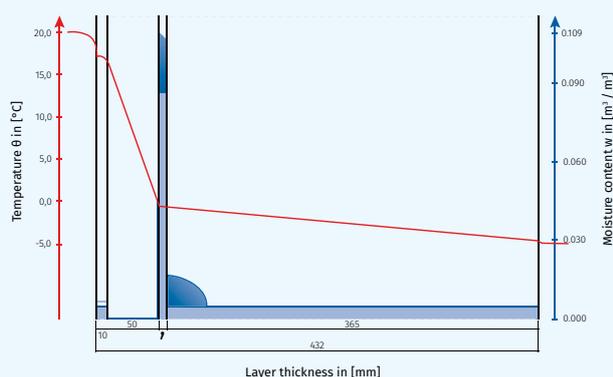
Hygrothermal simulation of surrounding constructions with coupled heat/moisture transport

iQ-Lator is an innovative program for simulation, optimisation and precise verification of multi-layer exterior wall constructions, especially where capillary-active materials are used. The software delivers realistic assessments of wall formers in terms of building physics.

iQ-Lator is compatible with Windows and Mac operating systems, and is intuitive to use. Heat flow directions, resulting calculation parameters and

general climate conditions can be selected by default. The comprehensive material database contains all the necessary information on common building materials. Selected constructions are outlined; material properties, climate data, characteristic values for heat transport, vapour diffusion and liquid water transport as well as curves of temperatures, vapour pressures and moisture content are presented in tabular and pictorial form.

Temperature and humidity profile



iQ-Lator can be used in German or English:

- Proof of moisture protection according to DIN 4108-3
- Minimum thermal insulation according to DIN 4108-2
- Proof of modern interior wall systems according to the state of the art
- Construction optimisation; assessment of refurbishment/construction measure on site
- Assessment of mould growth criteria
- Testable calculation and verification protocol

OUR PRODUCT RANGE

System products and accessories



Overview

Pre-treatment	28
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PRE-TREATMENT

Clean SF

For cleaning surfaces with mould stains

Range of use	<ul style="list-style-type: none"> Cleans typical damp room stains on tiles, grout, plaster, stone, plastic, painted surfaces and other water-resistant substrates
Property profile	<ul style="list-style-type: none"> Fast and independent action Solvent-free
Application rate	<ul style="list-style-type: none"> Approx. 0.1 l/m²

Quantity per pallet	648
Packaging unit	12 × 0.5 l Spray bottle
Container code	84
Art. no.	
0693	■

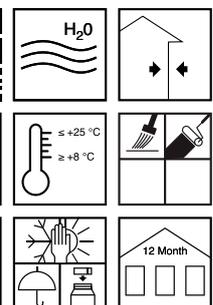


Spore Binder

Solvent-free and plasticiser-free special primer for trapping mould spores

Range of use	<ul style="list-style-type: none"> Traps mould spores before contaminated surfaces are removed Reduces the generation of dust containing mould
Property profile	<ul style="list-style-type: none"> Complexes and binds Reduces mould spores in the indoor air Solvent-free and plasticiser-free Water-dilutable
Application rate	<ul style="list-style-type: none"> Approx. 0.1 l/m² of the concentrate diluted with water (depending on the substrate condition)

Quantity per pallet	90
Packaging unit	5 l Plastic canister
Container code	05
Art. no.	
2990	■

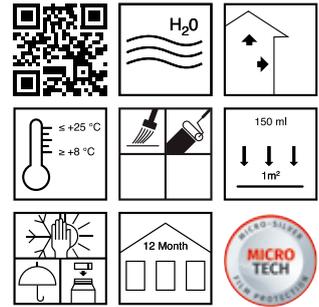


INITIAL MEASURES, PREVENTION AND REFURBISHMENT

Color SA plus

High-quality, low emission interior wall paint with microsilver as film protection against fungal attack

Range of use	<ul style="list-style-type: none"> Surfaces at risk of mould, e.g. in living rooms, schools, kindergartens, offices, hotels, gastronomy, wellness areas. Finishing coat on mineral wall formers, plaster, gypsum plasterboard, raw fibre and fibreglass wallpaper, adhering old coatings Areas with sensitive inhabitants (children, people with allergies)
Property profile	<ul style="list-style-type: none"> Water vapour diffusible Durable and resistant to scrubbing (wet abrasion class 2 as per DIN EN 13300) Good covering power (class 2 as per DIN EN 13300) Gloss level: matt Solvent-free and plasticiser-free
Application rate	<ul style="list-style-type: none"> Approx. 0.15 l/m²



Quantity per pallet	48	32
Packaging unit	5 l	12.5 l
	Plastic bucket	Plastic bucket
Container code	05	13
Art. no.		
2984	white	

System products	Art. no.
Primer Hydro HF	(0725)

SOFTWARE FOR HYGROTHERMAL SIMULATION OF SURROUNDING CONSTRUCTIONS

iQ-Lator 2.0

Software for evaluating the building physics of one-dimensional wall and ceiling constructions

Range of use	<ul style="list-style-type: none"> Assessing multi-layer, one-dimensional wall or ceiling constructions according to DIN 4108, taking liquid water transport into consideration (goes into more detail than the Glaser method)
Property profile	<ul style="list-style-type: none"> Reliable and realistic statements on the spread of interior condensation Estimation and verification – in particular in relation to temperatures, vapour pressure and moisture content Comparative statements on matters relating to heat and moisture



Quantity per pallet	
Packaging unit	Download
Container code	01
Art. no.	
0252	



PP Fix

Bedding mortar in the Power Protect [eco] system

Range of use	<ul style="list-style-type: none"> ■ Bonding Remmers interior insulation panels (Power Protect P 25/P 40 [eco]) ■ Mineral (and sulphate/gypsum-based) wall building materials and substrates that are suitable for plastering
Property profile	<ul style="list-style-type: none"> ■ Hydraulic setting ■ No mineral fibres ■ Long adhesive open time ■ High slip resistance and bond adhesion ■ Water vapour permeable ■ Highly capillary active
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.4 kg/m²/mm layer thickness, approx. 7.0 kg/m² incl. levelling filler

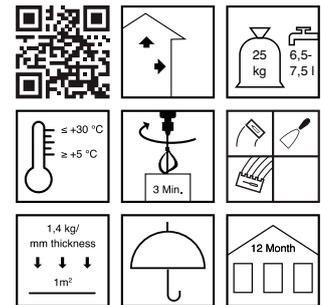
Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
0260 grey	■

iQ M universal

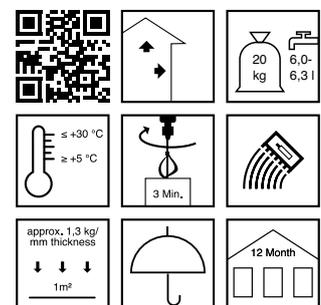
Universal bedding mortar and thin-coat plaster in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> ■ Bonding iQ-Therm 2.0 interior insulation strips to the substrate and to one another (bed joints) ■ Mineral (and sulphate/gypsum-based) wall building materials and substrates that are suitable for plastering ■ Reinforcement and thin plaster coat in the iQ-Therm 2.0 system
Property profile	<ul style="list-style-type: none"> ■ Mildew resistant ■ Water vapour diffusion open ■ Highly capillary active ■ Insusceptible to moisture ■ High slip resistance and bond adhesion
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.3 kg/m²/mm layer thickness <p>Approx. 3 mm as adhesive mortar (depending on the evenness of the substrate) Approx. 1 mm as slurry in bed joints At least 5 mm as reinforcement and thin-coat plaster</p>

Quantity per pallet	42
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
0211	■



System products	Art. no.
Power Protect P 25/P 40 [eco]	(0262)



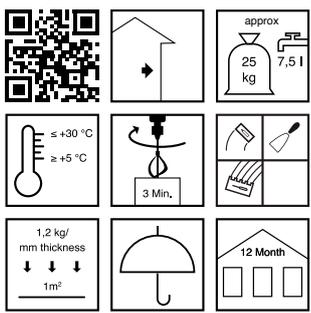
System products	Art. no.
Remmers iQ-Therm 2.0 system	
Tex 4/100	(3880)

SLP Fix

Bedding mortar for SLP panels

Range of use	<ul style="list-style-type: none"> ▪ Bonding and reinforcement mortar, especially for use in the Remmers SLP system ▪ Mineral wall building materials and substrates that are suitable for plastering
Property profile	<ul style="list-style-type: none"> ▪ Slows down capillary action ▪ No mineral fibres ▪ Long adhesive open time ▪ High slip resistance and bond adhesion ▪ Waterproof
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.2 kg/m²/mm layer thickness, approx. 6-7 kg/m² incl. levelling filler

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
0513	antique white (inherent colour) ■



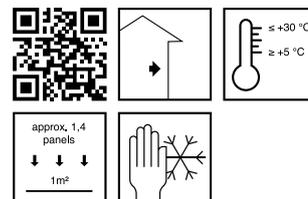
System products	Art. no.
SLP CS 25 / CS 30 / CS 50	(0273)

Power Protect P 25/P 40 [eco]

Insulating panel for environmentally sustainable mould control

Range of use	<ul style="list-style-type: none"> ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal insulation standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature
Property profile	<ul style="list-style-type: none"> ▪ Protects health and the environment, awarded the "Blue Angel" ecolabel ▪ Open to vapour diffusion ▪ Capillary-active ▪ Thermally insulating, lambda 0.05 W/(m·K) ▪ Tested and certified mould resistance ▪ Euro class B-s1, d0 ▪ Low construction height ▪ Easy to apply
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.4 panels/m²

Quantity per pallet	160	108
Packaging unit	10 panels = 7.2 m ²	6 panels = 4.32 m ²
	Pack	Pack
Container code	01	01
Art. no.		
0262	Power Protect P 25 [eco] 1200 mm x 600 mm (± 2 mm), thickness 25 mm (± 1 mm)	■
0263	Power Protect P 40 [eco] 1200 mm x 600 mm (± 2 mm), thickness 40 mm (± 1 mm)	■



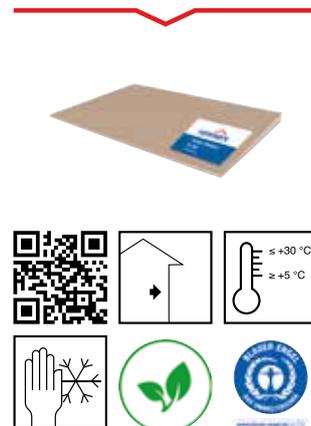
System products	Art. no.
Power Protect W 30 [eco]	(0264)
Power Protect R 15 [eco]	(0265)
PP Fix	(0260)
Tex 4/100	(3880)
SL Fill Q4	(0210)
SL Fill Q3	(2997)

Power Protect W 30 [eco]

Wedge-shaped insulating board in the Power Protect [eco] system

Range of use	<ul style="list-style-type: none"> Compensating for heat bridge effects in floor and wall joining regions Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> Environmentally friendly and mould-inhibiting Protects health and the environment, awarded the "Blue Angel" ecolabel Open to vapour diffusion Capillary-active Easy to apply
Application rate	<ul style="list-style-type: none"> As needed

Quantity per pallet	504
Packaging unit	12 Units = 2.645 m ² Carton
Container code	01
Art. no.	
0264	580 mm x 380 mm (± 2 mm), thickness 30/8 (± 1 mm) ■



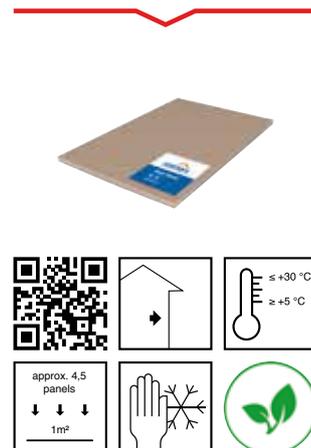
System products	Art. no.
Power Protect P 25/P 40 [eco]	(0262)
Power Protect R 15 [eco]	(0265)
PP Fix	(0260)

Power Protect R 15 [eco]

Reveal board in the Power Protect [eco] system

Range of use	<ul style="list-style-type: none"> Low available space e.g. reveals Floor/connection areas
Property profile	<ul style="list-style-type: none"> Environmentally friendly and mould-inhibiting Protects health and the environment Open to vapour diffusion Capillary-active Thermally insulating, lambda 0.06 W/(m·K) Low construction height Easy to apply
Application rate	<ul style="list-style-type: none"> Approx. 4.5 panels/m²

Quantity per pallet	672
Packaging unit	16 panels = 3.526 m ² Carton
Container code	01
Art. no.	
0265	580 mm x 380 mm(± 2 mm), thickness 15 mm (± 1 mm) ■

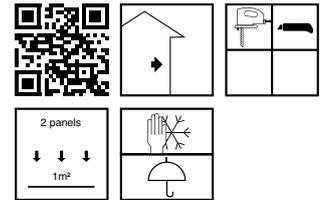


System products	Art. no.
Power Protect P 25/P 40 [eco]	(0262)
PP Fix	(0260)

SLP CS 25 / CS 30 / CS 50

Calcium silicate interior insulation panels for energy efficiency and damp control refurbishments

Range of use	<ul style="list-style-type: none"> ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal insulation standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature
Property profile	<ul style="list-style-type: none"> ▪ Thermal insulation and mould inhibition ▪ Water vapour diffusion open ▪ Capillary-active ▪ No quartz sand or powdered quartz ▪ Thermal conductivity (nominal value) approx. 0.07 W/(m•K) ▪ Building material class A1 (non-flammable) ▪ Low construction height
Application rate	<ul style="list-style-type: none"> ▪ 2 panels/m²



Quantity per pallet				96	80	48
Packaging unit				6 pcs	5 pcs	3 pcs
				Pack	Pack	Pack
Container code				01	01	01
Art. no.						
0273	SLP CS 25	1000 × 500 (± 2) mm, thickness 25 (± 1) mm	■			
0274	SLP CS 30	1000 × 500 (± 2) mm, thickness 30 (± 1) mm		■		
0275	SLP CS 50	1000 × 500 (± 2) mm, thickness 50 (± 1) mm			■	

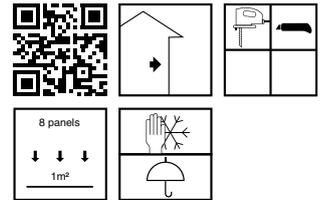
System products	Art. no.
SLP CS K	(0276)
SL Fill Q3	(2997)
SL Fill Q4	(0210)
Color SL	(0237)
SLP CS L	(0277)
SLP Fix	(0513)
Tex 4/100	(3880)

SLP CS L

Calcium silicate interior insulation panels for confined spaces

Range of use	<ul style="list-style-type: none"> ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal insulation standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature ▪ Low available space e.g. reveals
Property profile	<ul style="list-style-type: none"> ▪ Thermal insulation and mould inhibition ▪ Open to vapour diffusion ▪ Capillary-active ▪ Building material class A1 (non-flammable) ▪ Low construction height
Application rate	<ul style="list-style-type: none"> ▪ 8 panels/m²

Quantity per pallet	360
Packaging unit	10 pcs
	Pack
Container code	01
Art. no.	
0277	500 mm x 250 mm, thickness 15 mm (± 1 mm) ■

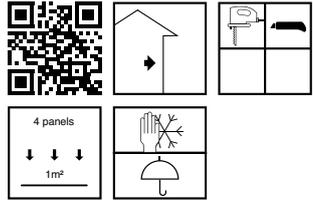


System products	Art. no.
SL Fill Q3	(2997)
SL Fill Q4	(0210)
SLP Fix	(0513)
Tex 4/100	(3880)

SLP CS K

Wedge-shaped calcium silicate interior insulation panels for wall and ceiling connections

Range of use	<ul style="list-style-type: none"> ■ Mould remediation and prevention in existing buildings ■ Establishment of the minimum hygienic thermal insulation standard for existing building substance ■ Improvement of the indoor climate thanks to increased wall surface temperature ■ Compensating for heat bridge effects in floor and wall joining regions ■ Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> ■ Thermal insulation and mould inhibition ■ Open to vapour diffusion ■ Capillary-active ■ Thermal conductivity (nominal value) approx. 0.07 W/(m•K) ■ Building material class A1 (non-flammable)
Application rate	<ul style="list-style-type: none"> ■ 4 panels/m²



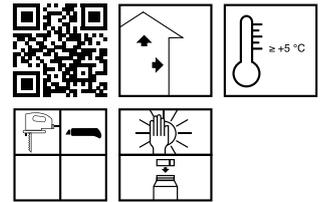
Quantity per pallet	180
Packaging unit	20 pcs Pack
Container code	01
Art. no.	
0276	approx. 1000 × 250 mm, panel thickness approx. 25 - 5 mm ■

System products	Art. no.
SL Fill Q3	(2997)
SL Fill Q4	(0210)
SLP Fix	(0513)
Tex 4/100	(3880)

iQ-Therm 2.0 30 / 50 / 80 / 120

Strips of rigid polyurethane foam backed with mineral fleece for creating capillary-active interior insulation

Range of use	<ul style="list-style-type: none"> ▪ Energy modernisation ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal insulation standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature
Property profile	<ul style="list-style-type: none"> ▪ Strip-shaped ▪ Excellent thermal insulation ▪ Open to vapour diffusion ▪ Capillary-active in system ▪ λ nominal value in system/once installed approx. 0.004 W/(m*K) higher in each case ▪ Low construction height, choice of 30, 50, 80 & 120 mm ▪ Easy to apply ▪ Thermal insulation material according to DIN 4108-10
Application rate	<ul style="list-style-type: none"> ▪ Approx. 0.85 strips/m ▪ Approx. 6.8 strips/m²



Quantity per pallet	3	3	3	3
Packaging unit	144 strips = 21.15 m ² Carton	84 strips = 12.34 m ² Carton	48 strips = 7.05 m ² Carton	36 strips = 5.29 m ² Carton
Container code	01	01	01	01
Art. no.				
0160	iQ-Therm 2.0 / 30	1175 mm x 125 mm, thickness 30 mm	■	
0161	iQ-Therm 2.0 / 50	1175 mm x 125 mm, thickness 50 mm		■
0162	iQ-Therm 2.0 / 80	1175 mm x 125 mm, thickness 80 mm		■
0163	iQ-Therm 2.0 / 120	1175 mm x 125 mm, thickness 120 mm		■

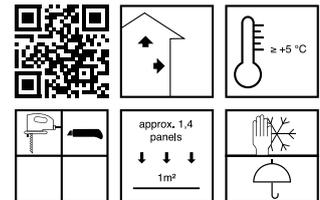
System products	Art. no.
iQ Top	(0228)
iQ M universal	(0211)
SL Fill Q4	(0210)

iQ-Therm 2.0 K 50

Wedge-shaped interior insulation panel in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> Energy modernisation Mould remediation and prevention in existing buildings Establishment of the minimum hygienic thermal insulation standard for existing building substance Improvement of the indoor climate thanks to increased wall surface temperature Compensating for heat bridge effects in floor and wall joining regions Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> Excellent thermal insulation Thermal conductivity (nominal value) approx. 0.027 W/(m•K) Low construction height Easy to apply Thermal insulation material according to DIN 4108-10
Application rate	<ul style="list-style-type: none"> Approx. 1.4 panels/m²

Quantity per pallet	160
Packaging unit	8 wedges = 5.76 m ² Pack
Container code	01
Art. no.	
0164	Approx. 1200 mm x 600 mm, thickness approx. 50/10 mm ■

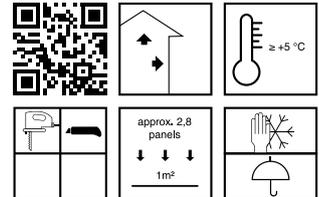


System products	Art. no.
Tex 4/100	(3880)
SL Fill Q4	(0210)
Tex 6.5/100	(0236)
iQ Top	(0228)
iQ M universal	(0211)

iQ-Therm 2.0 L15

Reveal panel in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> Energy modernisation Mould remediation and prevention in existing buildings Establishment of the minimum hygienic thermal insulation standard for existing building substance Improvement of the indoor climate thanks to increased wall surface temperature Compensating for heat bridge effects in floor and wall joining regions Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> Excellent thermal insulation Thermal conductivity (nominal value) approx. 0.027 W/(m•K) Low construction height Easy to apply Thermal insulation material according to DIN 4108-10
Application rate	<ul style="list-style-type: none"> Approx. 2.8 panels/m²



Quantity per pallet	440
Packaging unit	10 panels = 3.6 m ² Pack
Container code	01
Art. no.	
0165	Approx. 1200 mm x 300 mm; thickness approx. 15 mm

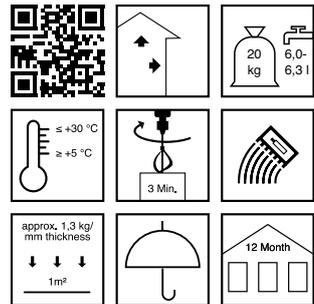
System products	Art. no.
Color SL	(0237)
SL Fill Q4	(0210)
iQ Top	(0228)
iQ M universal	(0211)

iQ M universal

Universal bedding mortar and thin-coat plaster in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> ▪ Bonding iQ-Therm 2.0 interior insulation strips to the substrate and to one another (bed joints) ▪ Mineral (and sulphate/gypsum-based) wall building materials and substrates that are suitable for plastering ▪ Reinforcement and thin plaster coat in the iQ-Therm 2.0 system
Property profile	<ul style="list-style-type: none"> ▪ Mildew resistant ▪ Water vapour diffusion open ▪ Highly capillary active ▪ Insusceptible to moisture ▪ High slip resistance and bond adhesion
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.3 kg/m²/mm layer thickness ▪ Approx. 3 mm as adhesive mortar (depending on the evenness of the substrate) ▪ Approx. 1 mm as slurry in bed joints ▪ At least 5 mm as reinforcement and thin-coat plaster

Quantity per pallet	42
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
0211	■



System products	Art. no.
Remmers iQ-Therm 2.0 system	
iQ Top	(0228)
Color SL	(0237)
Color CL Historic	(6569)

iQ Top

Climate-regulating plaster

Range of use	<ul style="list-style-type: none"> Reinforcement and finishing plaster in the iQ-Therm 2.0 system Improving the energy efficiency of external walls
Property profile	<ul style="list-style-type: none"> Climate-regulating Water vapour permeable Highly capillary active High moisture retention capacity Single-layer application thickness up to 10 mm Two-layer application thickness up to 15 mm
Application rate	<ul style="list-style-type: none"> Approx. 6 kg/m²/cm layer thickness

Quantity per pallet	35
Packaging unit	20 kg Paper bag
Container code	20
Art. no.	
0228	antique white ■



System products	Art. no.
Color SL	(0237)
iQ-Therm 2.0 system	
Tex 6.5/100	(0236)

FILLERS/PLASTERS

SL Fill Q3

Mould control filler, fine

Range of use	<ul style="list-style-type: none"> Smoothing off mould remediation systems Creating fine, closed plastered surfaces that are ready for coating Surface quality grades Q1-Q3
Property profile	<ul style="list-style-type: none"> Diffusion open and capillary active Insusceptible to moisture Good smoothing and adhesion capacity Stable Can be feathered out to zero Can be used on all absorbent substrates without primer
Application rate	<ul style="list-style-type: none"> Approx. 2 kg/m² for a 2 mm layer thickness

Quantity per pallet	30
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
2997	antique white (inherent colour) ■



System products	Art. no.
SP Top SL [basic]	(1050)
SLP CS 25 / CS 30 / CS 50	(0273)
Power Protect [eco]	(0262)
Color SL / Color Si	(0237)

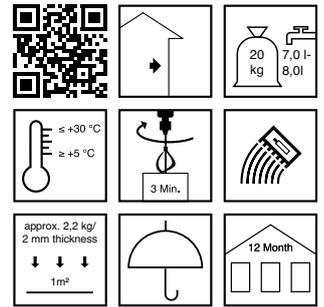
FILLERS/PLASTERS

SL Fill Q4

Fine filler

Range of use	<ul style="list-style-type: none"> ▪ Interiors ▪ Creating fine, closed plastered surfaces that are ready for coating ▪ Surface quality grades Q2-Q4
Property profile	<ul style="list-style-type: none"> ▪ Can be feathered out to zero ▪ Good sanding properties ▪ High adhesion capability ▪ Insusceptible to moisture
Application rate	<ul style="list-style-type: none"> ▪ Approx. 2.2 kg/m² for a 2 mm layer thickness

Quantity per pallet	42
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
0210	antique white (inherent colour) ■



System products	Art. no.
iQ Top	(0228)
Color SL	(0237)
Remmers interior insulation systems	

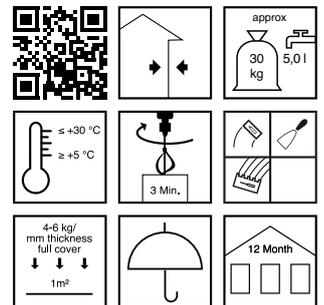
MOULD CONTROL PLASTER SYSTEM

SP Prep

WTA-compliant preparatory mortar

Range of use	<ul style="list-style-type: none"> ▪ Substrate preparation prior to applying mineral plasters ▪ Equalising different absorption characteristics of the substrate
Property profile	<ul style="list-style-type: none"> ▪ High adhesion to the substrate ▪ High sulphate resistance and low effective alkali content (SR/NA) ▪ Compressive strength: CS IV
Application rate	<ul style="list-style-type: none"> ▪ Full coverage approx. 4 - 6 kg/m²

Quantity per pallet	30
Packaging unit	30 kg Paper bag
Container code	30
Art. no.	
0400	grey (inherent colour) ■



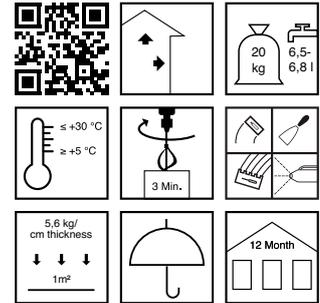
System products	Art. no.
SP Top SL [basic]	(1050)
Remmers renovation plasters	

SP Top SL [basic]

Capillary active, climate-regulating plaster, in particular for mould control

Range of use	<ul style="list-style-type: none"> Repair, refurbishment and restoration of damp walls and floors that are susceptible to mould infestation Humidity regulation indoors Improving the energy efficiency of external walls
Property profile	<ul style="list-style-type: none"> Diffusion open and capillary active High proportion of pore volume with capillary condensation action Heat-insulating Two-layer application thickness up to 50 mm High sulphate resistance and low effective alkali content (SR/NA) Machine-workable
Application rate	<ul style="list-style-type: none"> Approx. 5.6 kg/m²/cm layer thickness

Quantity per pallet	35
Packaging unit	20 kg Paper bag
Container code	20
Art. no.	
1050	antique white (inherent colour) ■



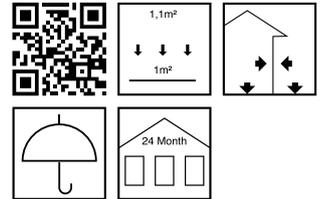
System products	Art. no.
SP Prep	(0400)
SL Fill Q3	(2997)
Color SL	(0237)
Tex 6.5/100	(0236)

REINFORCEMENT FABRIC

Tex 4/100

Reinforcement fabric made of E-glass with polymer sheathing

Range of use	<ul style="list-style-type: none"> Compensating for movements in the substrate Repairing cracks Bonded thermal insulation systems Reinforcement of iQ M universal and SL Fill Q3
Property profile	<ul style="list-style-type: none"> Permanently elastic Rot-proof Alkali resistant Does not slide W: 1 m / L: 50 m
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m²
Quantity per pallet	1650
Packaging unit	50 m Roll
Container code	01
Art. no.	
3880	■

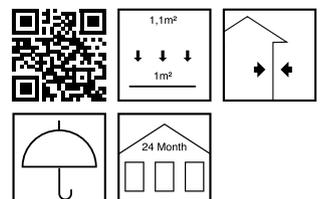


System products	Art. no.
iQ M universal	(0211)
MB TX 2K	(3004)
VM Fill	(0517)
SL Fill Q3	(2997)
SL Fill Q4	(0210)

Tex 6.5/100

Reinforcement fabric made of E-glass

Range of use	<ul style="list-style-type: none"> Compensating for movements in the substrate iQ-Therm interior insulation system Renovation plaster systems
Property profile	<ul style="list-style-type: none"> Permanently elastic Rot-proof Alkali resistant Does not slide Tension-proof No plasticisers
Application rate	<ul style="list-style-type: none"> 1.1 m²/m²
Quantity per pallet	34
Packaging unit	50 m Roll
Container code	01
Art. no.	
0236	■



System products	Art. no.
iQ Top	(0228)
Remmers renovation plasters	

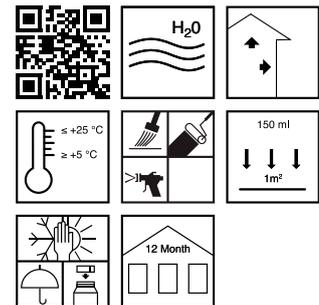
SURFACE FINISH

Color SL

Washproof, solvent-free and plasticiser-free silicate interior wall paint in the iQ-Therm system

Range of use	<ul style="list-style-type: none"> Remmers interior insulation and mould control systems Mineral substrates
Property profile	<ul style="list-style-type: none"> Capillary-active Highly water vapour permeable Mildew resistant thanks to alkalinity Solvent-free and plasticiser-free Low emissions Wet abrasion class 3 as per DIN EN 13300 Covering power class 2 at 7 m²/l Gloss level: dull matt
Application rate	<ul style="list-style-type: none"> Approx. 0.15 l/m² per coat

Quantity per pallet	48	32
Packaging unit	5 l	12.5 l
	Plastic bucket	Plastic bucket
Container code	05	13
Art. no.		
0237	white	■
0238	special colours	■
Available upon consultation. Intense colours not possible.		



System products

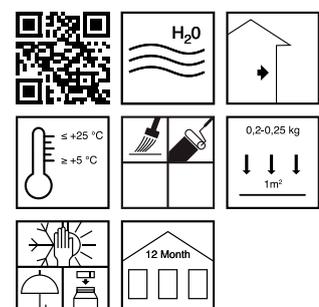
Remmers interior insulation and mould control systems

Color CL Historic

Lime paint without organic binders

Range of use	<ul style="list-style-type: none"> Porous, mineral building materials in interiors Preservation of historic buildings Eco-friendly construction
Property profile	<ul style="list-style-type: none"> Capillary-active Highly water vapour diffusible Good covering power No organic binder additives Solvent-free and plasticiser-free Free from preservatives Mineral water-based Free from titanium dioxide
Application rate	<ul style="list-style-type: none"> Approx. 0.2 - 0.25 kg/m² per coat

Quantity per pallet	32
Packaging unit	10 kg
	Plastic bucket
Container code	10
Art. no.	
6569	white



System products

Remmers interior insulation and mould control systems

Compriband 15/5-10

Pre-compressed PU soft foam sealing tape in PP films for subsequent decompression

Range of use	<ul style="list-style-type: none"> Connection joints between interior insulation/mould remediation system and adjoining building components such as ceilings, wooden beams, walls, windows, etc.
Property profile	<ul style="list-style-type: none"> Precisely timed activation thanks to tear-off foil Air-tight, complies with the specifications of DIN 41078-7, RAL quality-assured window installation Meets the requirements of DIN 18542 for load group GB R Air permeability: a value <math>< 0.1 \text{ m}^3/(\text{h} \cdot \text{m}^* (\text{daPa})^{2 \cdot 3}</math>
Application rate	<ul style="list-style-type: none"> Approx. 1 m/m

Quantity per pallet	100	36
Packaging unit	10 m	200 m
	Carton	Carton
Container code	01	01
Art. no.		
4272	■	
4268		■
Available in box only		



System products

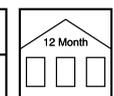
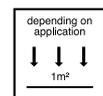
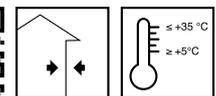
Remmers interior insulation and mould control systems

Gun foam 1K

Moisture-curing 1K PU foam for window and door installation

Range of use	<ul style="list-style-type: none"> Assembly of door and window frames Filling and waterproofing cavities and joints Bonding insulation material, masonry, wood, sheet metal and various plastics Injection of small defective areas between iQ-Therm panels
Property profile	<ul style="list-style-type: none"> Especially for processing with a spray gun High foam yield Excellent insulation, sound and heat insulation Rot-proof Decay-resistant Resistant to water, oil, petrol, lyes and various solvents
Application rate	<ul style="list-style-type: none"> Dependent on application Yield: 750 ml: approx. 40 l/can (free-foaming)

Quantity per pallet	468
Packaging unit	12 x 750 ml
	Aerosol can
Container code	12
Art. no.	
1542	■



Partition wall strips

Closed-cell polyurethane foam for thermal, hygric and acoustic decoupling in wall/floor connection areas

Range of use	<ul style="list-style-type: none"> Protecting moisture-sensitive components/building materials Preventing moisture transfer in connection areas Connection joints between interior insulation/mould remediation system and adjacent components, especially in the wall/floor connection area For thermal, hygric and acoustic decoupling
Property profile	<ul style="list-style-type: none"> Width 75 mm Length per roll 30 m Thickness 3 mm
Application rate	<ul style="list-style-type: none"> Approx. 1 m/m

Quantity per pallet	300
Packaging unit	12 × 30 m/roll Carton
Container code	01
Art. no.	
4258	■



System products

Remmers interior insulation and mould control systems

Assembly cylinder

Fixing of larger loads

Range of use	<ul style="list-style-type: none"> Assembly/fixing of heavy loads with no heat bridges, e.g. wall cabinets Pressure base for heavy units Fastening/bolting directly in cylinder without additional dowels
Property profile	<ul style="list-style-type: none"> Lambda: 0.04 W/(m•K) Highly resistant to compression Load bearing capacity: 50 kg Easy retrofitting Length: 540 mm Width: 125 mm Precise execution with minimal time outlay CFC-free PU rigid foam cylinder, can be cut to size

Packaging unit	1 pc
Container code	01
Art. no.	
4257	■



System products

Remmers interior insulation and mould control systems

Cutting tool for assembly cylinder

Toolkit

Range of use	<ul style="list-style-type: none"> Installation of assembly cylinders for interior insulation for fixing large loads
Property profile	<ul style="list-style-type: none"> Cutting tool includes: <ul style="list-style-type: none"> 1 x driver for cutting depths up to 200 mm 1 x set collar with Allen key 1 x cutter guide bell 1 x cutting disc D = 125 mm
Packaging unit	1 set
Container code	01
Art. no.	
4255	■



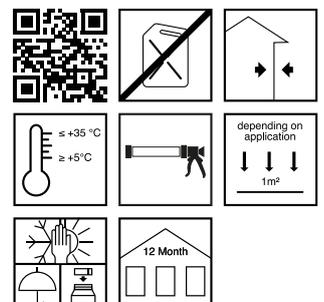
System products	Art. no.
Assembly cylinder	(4257)

MultiBond Express

Clear, universal, high-strength PUR adhesive

Range of use	<ul style="list-style-type: none"> Interiors and exteriors Universal Wood, metal, ceramics, PVC, polystyrene and glass Assembling furniture, panels, moulding and door linings Gluing wooden windows and doors
Property profile	<ul style="list-style-type: none"> Single-component Solvent-free High adhesive strength, no staining Invisible bonds Water-resistant according to DIN EN 204: D4 Does not run off, evens out surface irregularities
Application rate	<ul style="list-style-type: none"> Approx. 5 - 15 g/m² if applied in strips, approx. 50 g/m² if applied in dots

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



System products	Art. no.
Assembly cylinder	(4257)

Smoothing trowel, notched

Medium-bed trowel

Range of use	<ul style="list-style-type: none"> Smoothing and levelling plaster For interior insulation systems
Property profile	<ul style="list-style-type: none"> Rust-free Special toothing Soft handle (short version) or wooden handle (long version)

Packaging unit	1 pc
Container code	01

Art. no.		
4560	short 10 mm	■
4561	short 15 mm	■
4562	long 10 mm	■
4563	long 15 mm	■



System products	Art. no.
PP Fix	(0260)
iQ M universal	(0211)
SLP Fix	(0513)



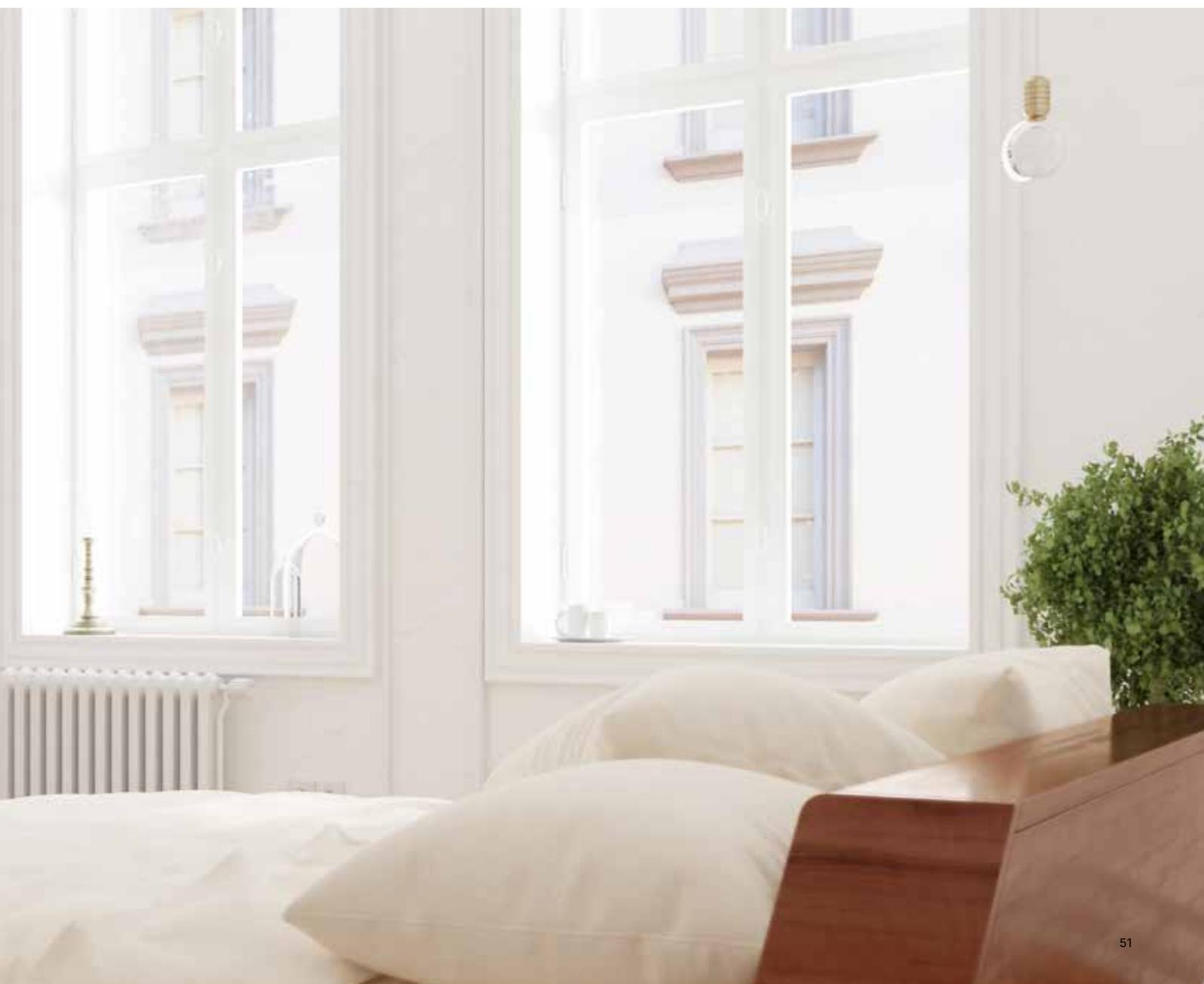
Grated scraper

Range of use	<ul style="list-style-type: none"> ▪ For scraping plaster
Property profile	<ul style="list-style-type: none"> ▪ Level design ▪ 2 sides closed, 2 sides open ▪ Dimensions: 285 × 140 mm ▪ High-quality and robust ▪ Moulded PVC handle ▪ Notched on one side
Packaging unit	1 pc
Container code	01
Art. no.	
4231	■



System products

Remmers mineral plasters



Product overview

Assembly cylinder	48	Power Protect P 25 / P 40 [eco]	32
Clean SF	28	Power Protect R 15 [eco]	33
Color CL Historic	46	Power Protect W 30 [eco]	33
Color SA plus	29	PP Fix	30
Color SL / Color Si	46	SL Fill Q3	42
Compriband 15/5-10	47	SL Fill Q4	43
Cutting tool for assembly cylinder	49	SLP CS 25 / CS 30 / CS 50	34
Grated scraper	51	SLP CS K	36
Gun foam 1K	47	SLP CS L	35
iQ-Lator 2.0	29	SLP Fix	31
iQ M universal	30 / 40	Smoothing trowel, notched	50
iQ-Therm 2.0 30 / 50 / 80 / 120	37	SP Prep	43
iQ-Therm 2.0 K50	38	SP Top SL [basic]	44
iQ-Therm 2.0 L15	39	Spore Binder	28
iQ Top	41	Tex 4/100	45
MultiBond Express	49	Tex 6.5/100	45
Partition wall strips	48		



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 75 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.



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