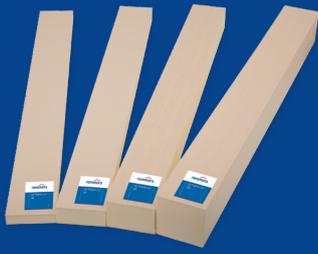


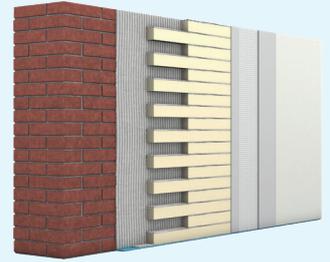
System Data Sheet



iQ-Therm 2.0 –
capillary-active, high
performance interior
insulation

remmers

STRUCTURE



INSTRUCTIONS FOR USE

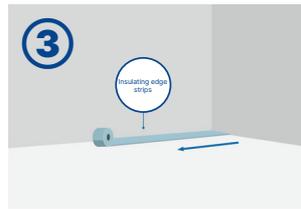


1 SUBSTRATE PREPARATION

Cover windows, doors and floors and protect from dirt. Remove wallpaper and dispersion coats. The substrate must be dry and dust-free as well as free from elements that impair adhesion.

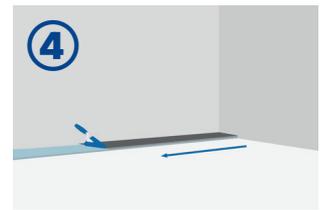
2 PRELIMINARY WORK

If necessary, level and even out highly uneven substrates, seal joints and level surfaces with pore undercoat render SP Levell.



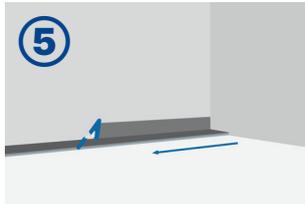
3 POSITIONING THE PARTITION WALL STRIP

For thermal, hygric and acoustic decoupling, apply the partition wall strip made of closed-cell polyurethane foam to wall/floor and wall/wall joining areas.



4 APPLYING THE FIRST HORIZONTAL BONDING LAYER

Apply Remmers iQ M universal as first mortar layer on the horizontally laid partition wall strips, thickness approx. 1 mm.



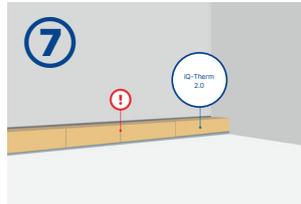
5 APPLYING A VERTICAL BONDING LAYER

Pre-wet absorbent substrates. Apply iQ M universal as scratch coat, then use notched trowel to spread vertically on the substrate, thickness approx. 3 mm.



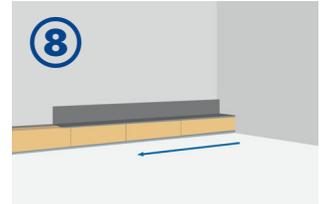
6 APPLYING IQ-THERM 2.0 STRIPS IN THE ADHESIVE BED

Apply the base layer of iQ-Therm 2.0 to the fresh adhesive bed of iQ M universal. Position and push down the iQ-Therm 2.0 strips in the adhesive bed. Install the interior insulation in strips.



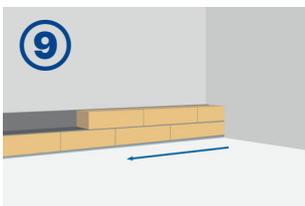
Leave joints clear between the strips. Avoid creating cross joints.

Align using a straight edge. If necessary, use Gun Foam 1K to fill any defective areas between the iQ-Therm 2.0 and the lowest horizontal joint due to unevenness of the floor.



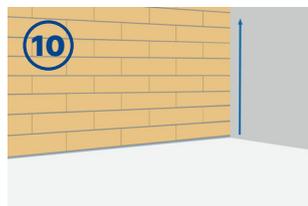
8 APPLYING VERTICAL AND HORIZONTAL BONDING LAYERS

Create a bonding layer of iQ M universal on the wall, thickness approx. 3 mm. Create a horizontal joint of iQ M universal (slurry consistency) using a paintbrush or wide brush for subsequent iQ-Therm strips, thickness approx. 1 mm.



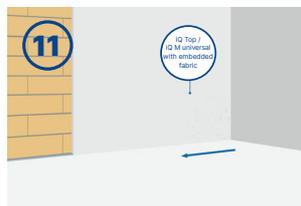
9 FINISHING THE INTERIOR INSULATION IN STRIPS

Position and push down second and all subsequent rows of iQ-Therm 2.0 strips in the adhesive bed. To do this, continuously prepare the bearing joints and rear bonding layer with iQ M universal. Leave joints clear between the strips. Avoid creating cross joints, see illustration. Align using a straight edge.



Adjacent building elements such as ceilings, wooden beams or windows should be prepared and masked off with airtight, pre-compressed PU soft foam sealing tape, Compriband 15/5-10, for subsequent decompression. Use the tear-off foil to control the activation time.

Ceiling and wall connection areas
Insulate with reveal boards and/or wedges in the iQ-Therm 2.0 system to compensate for heat bridge effects.



11 CREATING THE INSTALLATION LAYER FOR SUBSEQUENT SURFACE DECORATION

To create fine, closed and coatable plaster surfaces in Q3 quality, cover the entire surface of the areas insulated with iQ-Therm 2.0 with two layers of the adhesive mortar and thin-coat plaster iQ M universal with fabric reinforcement Tex 4/100.



12 FINE FILLER IN Q4 QUALITY (OPTIONAL)

To create fine, closed, coatable plaster surfaces of quality grade Q4, finish surfaces with SL Fill Q4.

COLOUR FINISH

To create surfaces with a colour finish, use the washproof, solvent-free and plasticiser-free silicate interior wall paint Color SL.

Products used

ADHESIVE & PLASTER



iQ M universal
Application rate: approx.
1.3 kg/m²/mm layer thickness:
see Technical Data Sheet for
more information
Art. No. 0211

iQ-THERM 2.0



iQ-Therm 2.0
30/50/80/120 mm thickness
Art. No. 0160



iQ-Therm 2.0 L15
Window reveal
Art. No. 0165



iQ-Therm 2.0 K50
Wedge-shaped interior
insulation panels
Art. No. 0164

FINE FILLER



SL Fill Q4
Application rate ~ 2.2 kg/m²
for a 2 mm layer thickness
Art. No. 0210

REINFORCEMENT



Tex 4/100
Application rate: approx.
1.1 m²/m²
Art. No. 3880

SURFACE FINISH



Color SL
Application rate: approx.
0.15 l/m² per coat
Art. No. 0237

ACCESSORIES



Compriband 15/5-10
Art. No. 4272

ACCESSORIES



Gun foam 1K
Art. No. 1542

ACCESSORIES



Partition wall strips
Art. No. 4258

ACCESSORIES



Assembly cylinder
Art. No. 4257

ACCESSORIES



MultiBond Express
Art. No. 1571

TOOLS



**Smoothing trowel,
notched**
Art. No. 4560

TOOLS



Grated scraper
Art. No. 4231

TOOLS



Cutting tool for assembly cylinder
Art. No. 4255

NOTE:

The QR codes take you to an instructional video and the applicable Technical Data Sheet. If you have any further questions, please contact your retailer.

Instructional video



Technical Data Sheet

