



iQ M universal

Universal fixing adhesive and thin plaster in the iQ-Therm 2.0 system



Availability	
Quantity per pallet	42
Size / Quantity	20 kg
Type of container	PE bag
Container code	20
Art. no.	
0211	■

Application rate

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 the bed joints
At least 5 mm as reinforcement and thin plaster

Range of use



- Bonding iQ-Therm 2.0 interior insulation strips to the substrate and to each other (bed joints)
- Mineral (and sulphate-containing) wall building materials and substrates that are suitable for rendering
- Reinforcement and skim coat in the iQ-Therm system

Property profile

- Inhibits mould
- Enables water vapour diffusion
- Highly capillary active
- Insusceptible to moisture
- Reliable fixing and prevention against slipping

Characteristic data of the product

Layer thickness	Single layer up to 3 mm
Bulk density	Approx. 1.2 kg/dm ³
Compressive strength class	CS II (1.5-5.0 N/mm ²)
W ₈₀	0.017 m ³ /m ³
W _{sat}	0.52 m ³ /m ³
Thermal conductivity λ	0.48 W/(m·K)
Water requirement	Approx. 6.0-6.3 l/20 kg
Aw value / water absorption coefficient	13.32 kg/(m ² h ^{0.5})
Water vapour permeability	μ < 14
Reaction to fire	Class A1
Maximum grain size	0.5 mm

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Possible system products

- [iQ-Therm 2.0 30 / 50 / 80 / 120 \(0160\)](#)
- [Color SL \(0237\)](#)
- [Color CL Historic \(6569\)](#)
- [Tex 4/100 \(3880\)](#)

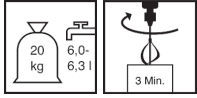
Preparation

- Substrate requirements
Clean, dust-free and capable of supporting a load.



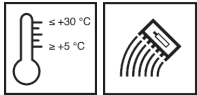
- **Substrate preparation**
Pre-wet the substrate so that it is slightly moist.

Production of the mixture



- **Mixing**
Pour water into a clean container and add dry mortar.
Mix thoroughly for approximately 3 minutes until the proper consistency for working has been achieved.
To prepare a slurry for bonding the iQ-Therm 2.0 strips together, take the appropriate amount of already mixed material and dilute it with a little more water to form a matt-damp slurry.

Directions



- **Conditions for use**
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.

- **Working time (+20 °C)**
Approx. 60 minutes

Contact layer

Pre-wet absorbent substrates.
Using a suitable tool, apply the product as a contact layer.

Vertical bonding layer

Apply the material vertically over the entire surface with a suitable notched trowel in the appropriate layer thickness so that an adhesive bed is created with a layer thickness of approx. 3 mm. The adhesive bed must be free of cavities.

Horizontal bonding layer

Apply material in slurry consistency using a paintbrush or wide brush on bed joints for subsequent iQ-Therm 2.0 strips, thickness approx. 1 mm.
If necessary, produce the bottom bonding layer with undiluted material in a higher layer thickness to achieve a horizontal iQ-Therm 2.0 base layer.

Reinforcing layer

Apply the material with a notched trowel so that a final layer thickness of at least 3 mm is obtained.
Embed the fabric in the centre of the reinforcement layer while it is still wet.
Ensure that fabric sheets overlap by at least 10 cm.

Surface decoration

Apply the material at least 2 mm onto the sufficiently set reinforcement layer.
Smooth the surface using a suitable tool.
Finish the surface once set.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
Depending on the ambient conditions, in heated rooms or draughty areas, use a film or similar apparatus to prevent the material from setting too quickly.
Hairline/shrinkage cracks are safe and are not cause for complaint as they do not impair the properties of the mortar.
An additional intermediate layer of filler must be added in order to achieve the elevated surface quality grade Q3.

Notes

Do not work on substrates where moisture is penetrating from the rear.
The colour that is obtained after drying and hardening depends on the ambient conditions and the processing method. For instance, a freshly smoothed surface will be lighter than one that is smoothed later or roughened.
Different grain sizes of the same product may lead to slight differences in colour. Substrates soaked from the back may cause discolouration.
May contain traces of pyrite (iron sulphide).
The mixing water must be of drinking water quality.
Low chromate content in accordance with Directive 2003/53/EC.
Always set up a trial area/trial areas first.
Deviations from applicable regulations must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning



Mixing tool, notched trowel, trowel, smoothing trowel, plasterer's float, sponge float
Clean tools with water while the material is still fresh.

Remmers tools

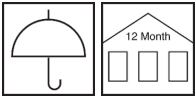
- Mischgefäß (4030)
- Collomix Rührer DLX 152 HF (4286)
- HEXAFIX® Nachrüstadapter (4283)
- Remmers Quirlex (4282)
- Protective paper (5019)



- › Putz- und Glättspachtel XXL Coating knife (4437)
- › Glättkelle (4117)
- › Schwammbrett gelb (4936)
- › Smoothing Trowel Duo (4118)
- › Smoothing Trowel (4004)
- › Latex float (4548)
- › Fine render trowel -FLEXIS ONE- (4233)

Storage / Shelf life

If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

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