



iQ M universal

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



Availability	
Anz. l Palette	42
size / quantity	20 kg
container type	PE-Sack
bundle key	20
Art.-No.	
0211	ÿ

consumption

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

areas of application



- ÿ Bonding of iQ-Therm 2.0 interior insulation strips to the substrate and to each other (bed joints)
- ÿ Mineral substrates (also containing sulphate or gypsum), plasterable wall building materials and substrates
- ÿ Reinforcement and thin layer plaster in the iQ-Therm 2.0 system

Characteristics

- ÿ Mould-resistant
- ÿ Open to water vapor diffusion
- ÿ Highly capillary active
- ÿ Insensitive to moisture
- ÿ High level of slip resistance and bond strength

Product Specifications

layer thickness	Single layer up to 3 mm
bulk density	Ca. 1,2 kg/dm ³
compressive strength class	CS II (1,5-5,0 N/mm ²)
ρ_{80}	0,017 m ³ /m ³
ρ_{sat}	0,52 m ³ /m ³
Thermal conductivity ÿ dry	0.48W/(m·K)
water claim	Approx. 6.0-6.3 l/20 kg
Aw value / water absorption coefficient	13,32 kg/(m ² h) ^{0,5}
water vapor permeability	ÿ < 14
reaction to fire	Class A1
Large grains	0,5 mm

The stated values represent typical product properties and are not to be understood as binding product specifications.

Possible system products

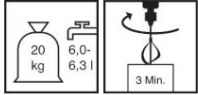
- ÿ iQ-Therm 2.0 30 / 50 / 80 / 120 (0160)
- ÿ iQ-Therm 2.0 K 50 (0164)
- ÿ iQ-Therm 2.0 L15 (0165)
- ÿ Color SL (0237)
- ÿ Color CL Historic (6569)
- ÿ Tex 4/100 (3880)



work preparation

- Requirements for the substrate Stable, clean and dust-free.
- Preparations Pre-wet the surface until matt.

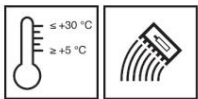
preparation



- Put the water into a clean container and add the dry mortar. Using a mixing tool, mix intensively and homogeneously for approx. 3 minutes until a workable consistency is achieved.

To create a slurry, to glue the iQ-Therm 2.0 strips together, remove the appropriate amount of material that has already been mixed and dilute it with a little more water to form a matt-moist slurry.

processing



- Processing conditions Material, ambient and substrate temperature: min. +5 °C to max. +30 °C. Low temperatures prolong, high temperatures shorten the processing and hardening time.

- Processing time (+20 °C)
Approx. 60 Minutes

contact layer

Pre-wet absorbent substrates.

Apply the product with a suitable tool as a contact layer.

Vertical adhesive layer

Apply material with a suitable notched trowel in the appropriate layer thickness vertically over the entire surface so that an adhesive bed with a layer thickness of approx. 3 mm is formed. The adhesive bed must be designed without cavities.

Apply horizontal adhesive

layer of material with a consistency that can be slurried using a brush or brush on the horizontal joints for the subsequent iQ-Therm 2.0 strips, thickness approx. 1 mm.

If necessary, create the lowest adhesive layer with undiluted material in a thicker layer to achieve a horizontal iQ-Therm 2.0 base layer.

Apply reinforcement

layer material with a notched trowel in such a way that the final layer is at least 3 mm thick.

Embed the fabric in the middle of the still fresh reinforcement layer.

Overlap fabric panels by at least 10 cm.

Surface design Apply

material at least 2 mm to the sufficiently set reinforcement layer.

Smooth the surface with a suitable tool.

Post-processing of the surface after stiffening.

Processing instructions

Hardened mortar must not be made workable again either with water or with fresh mortar.

Depending on the environmental conditions, with heated interior rooms or draughts, protect against drying out too quickly with foil or similar.

Hairline cracks/shrinkage cracks are harmless and nothing to complain about as they do not impair the properties.

For an increased surface quality level Q3, an additional filling may have to be carried out as an intermediate layer.

Hints

Do not work on substrates that are soaked from the back.

The color that appears after drying and hardening depends on the environmental conditions and the processing method. A freshly smoothed surface appears lighter in comparison to a surface that has been smoothed or roughened late. Different grits of the same item can lead to slight deviations in the color tone. Subfloors that have been soaked through from behind can cause discoloration.

May contain traces of pyrite (iron sulfide).

Mixing water must be of drinking water quality.

Low in chromate according to RL 2003/53/EG.

Always create a test area(s)!

Deviations from current regulations must be agreed separately.

The respective test certificates must be observed during planning and execution.



Working tools / cleaning

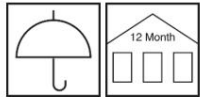


Mixing tool, notched trowel, trowel, smoothing trowel, trowel, sponge board Clean tools with water while they are still fresh.

Remmer's tools

ÿ Mixed vessel (4030) ÿ
Collomix® stirrer DLX (4286) ÿ
Collomix® Hexafix® Nachrütdapter (4283) ÿ Remmers
Quirlex (4282) ÿ Cover paper
(5019) ÿ XXL Coating Knife
(4437) ÿ smoothing in the
smoothness (4560) ÿ 4117) ÿ
Yellow sponge board
(4936) ÿ Duo smoothing trowel
(4118) ÿ Smoothing trowel
(4004) ÿ Latex float (4548)
ÿ Fine plaster trowel -FLEXIS
ONE- (4233)

Storage / Shelf Life



Dry, in unopened containers, 12 months.

Security / Regulations

For more information on safety during transport, storage and handling as well as on disposal and ecology, please refer to the current safety data sheet.

GISCODE

ZP1

Disposal Note

Larger product residues must be disposed of in the original packaging in accordance with current regulations. Completely emptied packaging must be sent to the recycling systems. Must not be disposed together with household garbage. Do not empty into drains. Do not empty down the sink.

We would like to point out that the above data/details were determined in practice or in the laboratory as guide values and are therefore fundamentally non-binding.

The information is therefore only general information and describes our products and provides information about their use and processing. It must be taken into account

that due to the difference and variety of the respective working conditions, the materials used and construction sites, not every individual case can naturally be recorded.

In this respect, we recommend that in cases of doubt either carry out tests or ask us. Unless we expressly state in writing that the products are specifically suitable or have properties for a contractually defined purpose

have assured, any application-related advice or instruction, even if it is provided to the best of our knowledge, is non-binding in any case. Otherwise, our general terms and conditions of sale and delivery apply.

When a new edition of this technical data sheet appears, the new edition replaces the previous technical data sheet.