Technical Data Sheet
Product number 0241

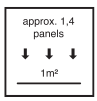
iQ-Therm 30

Capillary active polyurethane rigid foam panel for mould control

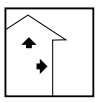
Type/Name	Dimensions (length x breadth)	Availability			
		Quantity per pallet	8	8	8
		Size / Quantity	**14 panels = 10.08 m²**	**8 panels = 5.76 m²**	**5 panels = 3.60 m²**
		Type of container	Package	Package	Package
		Container code	14	08	05
		Art. no.			
iQ-Therm 30	1.200 mm x 600 mm, Dikte 30 mm (± 2 mm)	0241	■		
iQ-Therm 50	1.200 mm x 600 mm, dikte 50 mm (± 2 mm)	0242		■	
iQ-Therm 80	1.200 mm x 600 mm, dikte 80 mm (± 2 mm)	0243			■

Application rate

Approx. 1.4 panels/m²



Range of use



- Mould control and prevention in existing buildings
- Implementation of the hygienic minimum heat insulation level in existing buildings
- Improving the room climate by increasing the wall surface temperature

Property profile

- Good heat insulation and mould inhibition
- Water vapour permeable
- Capillary-active
- Thermal conductivity (nominal value) approx. 0.031 W/(m•K)
- Low construction height

- Easy to apply
- Thermal insulation material according to DIN 4108-10

Characteristic data of the product

Dry density	Approx. 45 kg/m³
Thermal conductivity (λ 10 dry)	0.033 W/(m•K)
Building material class	B2 normal flammability according to DIN 4102 - 1
Water vapour diffusion	μ= approx. 27

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

Certificates

- Classification of fire behaviour EN 13501-1 - MPA Braunschweig
- General building authority test certificate - MPA Braunschweig

Additional information

- Value preservation tips for mould control systems
- Information on life cycle assessment, building biology, health and emissions
- Declaration on freedom from HBCD (flame retardant)

Possible system products

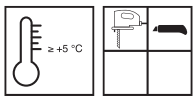
- iQ Fix (0225)
- Tex 4/100 (3880)
- Tex 6.5/100 (0236)
- iQ Top SLS (0230)
- iQ Fill Q4 (0233)
- iQ Fill (0232)
- Color Si (0237)
- iQ Top (0228)

Preparation

Substrate requirements
The substrate must be clean and capable of bearing a load.
The substrate must be level.

Substrate preparation
Level off and even out highly uneven substrates – use SP Level to close up joints and even out surfaces.

Directions



Pre-wet absorbent substrates.
Apply iQ Fix to the substrate as a scratch coat.
Using a notched scraper, apply iQ Fix wet-on-wet to the rear face of the panel and the substrate.
Position and press on the boards from the bottom up.
Align using a floating rule.

Tips on use

Mark the desired dimensions on the board.
Cut using a jigsaw or hand-held circular saw.
Rework the cut edges with a rasp or file if necessary.
Make sure that the panels are correctly aligned (the side marked "plaster side" must be visible after application).
Avoid cross joints.
Make sure that full-surface bonding is achieved.

Notes

Deviations from applicable regulations must be agreed separately.

Tools / Cleaning

Cutter knife and jigsaw

Storage / Shelf life

Dry and frost-free.

Disposal

The product must be disposed of in accordance with the official regulations.

Declaration of performance

Declaration of performance

CE marking

CE

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NB 1378

09
GBI F 021-4
0241 - 0242 - 0243
DIN EN 13165:2012 + A2:2016
PU – EN 13165 – T2 – DS (70,90)3 - CS(10/Y)100 – TR 80
Thermal insulation material for buildings

Reaction to fire:	E (EN 13501-1)
Nominal value of resistance to heat transmission:	Nominal thickness 30 mm = R_D 0.938 Nominal thickness 50 mm = R_D 1.563 Nominal thickness 80 mm = R_D 2.500
Nominal value of thermal conductivity:	Nominal value: λ_D = 0.032 W/m·K
Nominal thickness/thickness tolerance:	30 - 80 mm / T2
Compressive strength / stress:	CS(10/Y)100
Tensile strength perpendicular to the panel plane:	TR80
Dimensional stability under defined temperature and moisture conditions:	DS(70,90)3 DS(-20,-)1

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 prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.