



iQ-Therm 2.0 30/50/80/120

Mineral nonwoven laminated strips made of rigid polyurethane foam for creating capillary-active interior insulation



Type/Name	Dimensions (length x breadth)	Availability			
		Quantity per pallet	3	3	3
		Size / Quantity	144 strips = 21.15 m²	84 strips = 12.34 m²	48 strips = 7.05 m²
		Type of container	Carton	Carton	Carton
		Container code	01	01	01
		Art. no.			
iQ-Therm 2.0 / 30	1175 mm x 125 mm, thickness 30 mm	0160	■		
iQ-Therm 2.0 / 50	1175 mm x 125 mm, thickness 50 mm	0161		■	
iQ-Therm 2.0 / 80	1175 mm x 125 mm, thickness 80 mm	0162			■
iQ-Therm 2.0 / 120	1175 mm x 125 mm, thickness 120 mm	0163			■

Application rate

Approx. 0.85 strips/running m
Approx. 6.8 strips/m²

Range of use



- Energy efficiency upgrades
- 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

- Strip-shaped
- Excellent thermal insulation
- Water vapour permeable
- Capillary active when used in a system
- Lambda rating value in the system/installed state 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
- Fire behaviour class B-s1, d0 (DIN EN 13501-1)
- Building material class B1 flame retardant according to DIN 4102-1

Characteristic data of the product

Dry density	> 30 kg/m ³
[pk_anl_lambda_nennwerte_waermeleitfaehigkeit]	iQ-Therm 2.0 30: 0.028 W/(m*K) iQ-Therm 2.0 50: 0.028 W/(m*K) iQ-Therm 2.0 80: 0.026 W/(m*K) iQ-Therm 2.0 120: 0.025 W/(m*K)
[pk_anl_spezifische_waermekapazitaet]	Approx. 1400 J/(kg*K)
Water vapour diffusion resistance coefficient μ	39
Fire behaviour in system	B-s1,d0 (EN 13501-1)
Building material class in system	B1 flame retardant according to DIN 4102-1

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

Certificates

- [AbP P-2303/289/23 MPA BS_valid until 01.11.2028](#)
- [Fire behaviour classification](#)

Additional information

- [iQ-Therm 2.0 FAQ 07/23](#)
- [Delphin Materialkennndaten](#)
- [Technischer Leitfaden Schimmelstandsetzung](#)

Possible system products

- [iQ M universal \(0211\)](#)
- [iQ Top \(0228\)](#)
- [SL Fill Q4 \(0210\)](#)
- [Color SL \(0237\)](#)
- [Tex 6.5/100 \(0236\)](#)
- [Tex 4/100 \(3880\)](#)
- [Kompriband 15/5-10 \(4272\)](#)



► Partition Wall Strips (4258)

Preparation

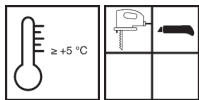
■ Substrate requirements

The substrate must be load-bearing, even, clean, dry and free from adhesion-reducing substances. Remove wallpaper and dispersion coatings.

■ Substrate preparation

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

Directions



■ Conditions for use

Temperature of the material, air and substrate: min. +5 °C.

Pre-wet absorbent substrates.

Apply iQ M universal to the substrate as a scratch coat.

Apply iQ M universal wet-on-wet with a notched trowel as the first mortar layer on the edge insulation strip and wall.

Position and press the iQ-Therm 2.0 strips into the adhesive bed. Finish the interior insulation strip by strip. To do this, prepare the bed joints with iQ M universal. Leave joints between the strips free. Avoid cross-joints!

Align using a floating rule.

Tips on use

Mark the desired lengths on the iQ-Therm 2.0 strips. Cut to size with a cutter knife.

Prepare bed joints with iQ M universal. Do not glue butt joints!

Avoid creating cross joints.

Make sure that full-surface bonding is achieved.

Cut with a cutter knife, insulation knife or plunge saw.

Notes

Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.

Tools / Cleaning



Cutter knife

Remmers tools

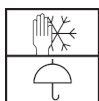
► Montagezylinder (4257)

► Fräswerkzeug für Montagezylinder (4255)

► Smoothing trowel, toothed (4560)

► Gitterrabort (4231)

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

Declaration of conformity



NB 0761

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CE 23

GBI-P 125-2

0160

DIN EN 13165:2012 + A2:2016

PU-EN 13165-T2-DS(70,90)3-DS(-20,-)2-DLT(2)5-CS(10Y)120-TR50

Thermal insulation material for buildings

Nominal value of thermal conductivity λ_D :

$d_N < 80 \text{ mm} = 0.028 \text{ W/(m}^*\text{K)}$

$80 \text{ mm} \leq d_N < 120 \text{ mm} = 0.026 \text{ W/(m}^*\text{K)}$

$d_N \geq 120 \text{ mm} = 0.025 \text{ W/(m}^*\text{K)}$

Nominal thickness/thickness tolerance:

30 - 120 mm

Compressive strength/stress:

CS(10/Y)120

Tensile strength perpendicular to the panel plane:

TR50

Dimensional stability under defined temperature and

DS(70,90)3

moisture conditions:

DS(-20,-)1

Deformation at defined pressure and temperature stress:

DLT (2)5

Fire behaviour in the system:

B-s1, d0 (EN 13501-1)

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.

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