



iQ-Therm 2.0 30 / 50 / 80 / 120

Mineral fleece laminated strips of polyurethane rigid foam for creation
capillary-active interior insulation



Type/Description	Dimensions (Length x width)	Availability				
		Anz. l Palette	3	3	3	3
		size / quantity	144 strips = 21,15 m ²	84 strips = 12,34 m ²	48 strips = 7,05 m ²	36 strips = 5,29 m ²
		container type	Cardboard	Cardboard	Cardboard	Cardboard
		bundle key	01	01	01	01
		Art.-No.				
iQ-Therm 2.0 / 30	1,175mm x 125mm, thickness 30 mm	0160	ÿ			
iQ-Therm 2.0 / 50	1,175mm x 125mm, thickness 50 mm	0161		ÿ		
iQ-Therm 2.0 / 80	1,175mm x 125mm, thickness 80 mm	0162			ÿ	
iQ-Therm 2.0 / 120	1,175mm x 125mm, thickness 120 mm	0163				ÿ

consumption
Approx. 0.85 strips/linear m
Approx. 6.8 strips/m²

areas of application



- ÿ Energetic upgrading
- ÿ Mold remediation and prevention in existing buildings
- ÿ Creation of the hygienic minimum thermal protection of the existing building structure
- ÿ Improvement of the room climate through increased wall-surface temperature

Characteristics

- ÿ Striped
- ÿ High thermal insulation
- ÿ Open to vapor diffusion
- ÿ Capillary active in the system
- ÿ Lambda rated value when installed approx. 0.003 W/(mK) higher
- ÿ Fire behavior Class E (DIN EN 13501-1)
- ÿ Building material class B2 according to DIN 4102-1
- ÿ Low installation height, optionally 30, 50, 80 & 120 mm
- ÿ Easy processing
- ÿ Thermal insulation material according to DIN 4108-10



Product Specifications

dry bulk density	> 30 kg/m ³
Thermal conductivity γ dry	Lambda nominal values (EU) for thicknesses $d < 80$ mm: 0.028 W/(mK) 80 mm γ $d < 120$ mm: 0.026 W/(mK) $d \geq 120$ mm: 0.025 W/(mK)
Thermal conductivity (γ 10 dry)	Lambda rated values (DE) for thicknesses $d < 80$ mm: 0.029 W/(mK) 80 mm γ $d < 120$ mm: 0.027 W/(mK) $d \geq 120$ mm: 0.026 W/(mK)
Rated value of thermal conductivity	each approx. 0.003 W/(mK) higher (when installed)
building material class	B2 normal flame retardant NACH DIN 4102-1
Water vapor diffusion resistance	40 - 200
reaction to fire	Class E (DIN EN 13501-1)

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

certificates

γ iQ-Therm 2.0 processing instructions 07/23 γ iQ-Therm 2.0 FAQ 07/23 γ iQ-Therm 2.0 product brochure 05/23

Possible system products

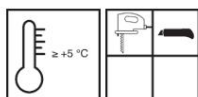
γ iQ M universal (0211) γ
SL Fill Q4 (0210) γ
Color SL (0237) γ
Color CL Historic (6569) γ Tex
6,5/100 (0236) γ Tex
4/100 (3880) γ
Kompriband 15/5-10 (4272) γ
Trennwandstreifen (4258) γ
Montagezylinder (4257)

work preparation

γ Requirements for the substrate The substrate must be stable, level, clean, dry and free of adhesion-reducing substances. Removal of wallpaper and dispersion paint.

γ Preparation
Leveling and leveling of very uneven substrates - joint sealing and surface leveling - with SP Level.

processing



γ Processing conditions Material, ambient and substrate temperature: at least +5 °C.

Pre-wet absorbent substrates. Apply iQ M universal to the substrate as a scratch coat. Apply iQ M universal with a notched trowel wet-on-wet as the first layer of mortar on the edge insulation strips and the wall. Attach and press the iQ-Therm 2.0 strips into the adhesive bed. Finishing the interior insulation in strips. To do this, prepare bed joints with iQ M universal. Leave joints between the strips. Avoid cross joints! Align with guide.

Processing instructions

Mark the desired lengths on the iQ-Therm 2.0 strips. Cut with a cutter knife. Prepare bed joints with iQ M universal. Do not glue butt joints! Avoid cross joints. Full-surface adhesion is to be ensured. Cut with a cutter knife, insulation knife or plunge saw.

Hints

Deviations from current regulations must be agreed separately.

Working tools / cleaning



Cuttermesser

Remmers tools γ
Mounting cylinder (4257) γ
Milling tool for mounting cylinder (4255) γ Smoothing trowel, serrated (4560) γ Grating rabot (4231)



Storage / Shelf Life

Dry and frost-free.



Disposal Note

Disposal according to official regulations.

Declaration of Performance

ÿ Declaration of Performance

Declaration of Conformity



NB 0751

Remmers GmbH

Bernhard-Remmers-Str. 13, D-49624 L ningen

CE 23

GBI-P 125

0160

DIN EN 13165:2012 + A2:2016

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

thermal insulation materials for buildings

Fire behavior:

E (EN 13501-1)

Nominal thermal resistance:

Nenn Dicke 30 mm = R 1,10  

Nenn Dicke 50 mm = R 1,85  

Nenn Dicke 80 mm = R 3,05  

Nenn Dicke 120 mm = R 4,80  

Nominal thermal conductivity:

d 80 mm ÿ d < 120 mm ÿ ÿ = 0,027 W/(m K)

80 mm ÿ d < 120 mm ÿ ÿ = 0,026 W/(m K)  

d 120 mm ÿ ÿ = 0,025 W/(m 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

DS(70,90)3

Temperature and humidity conditions:

DS(-20,-)1

Deformation at a defined pressure u.

DLT (2)5

temperature stress:

We point out that the above data / information in were determined in practice or in the laboratory as guide values, and therefore are basically non-binding.

The information is therefore only general information and describe our products and provide information about their application and processing. It must be taken into account

that due to the difference as well as the versatility of the respective working conditions, the materials used and Construction sites, of course, not every individual case can be recorded. In this respect, we therefore recommend either trials in cases of doubt carry out or ask us. As far as we don't specific suitability or properties of the products for a contractually defined purpose, expressly in writing

have assured is an application-technical consultation or Information, even if given to the best of our knowledge, in each case non-binding. Otherwise, our general terms and conditions of sale and delivery apply.

With the publication of a new edition of this technical data sheet the new edition replaces the previous Technical Data Sheet.