



Declaration of performance

according Annex III of the Regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No 574/2014

for the product	iQ-Therm 2.0 30 / 50 / 80 / 120 (Variants: 0161, 0162, 0163)
No.	GBI-P 125-1
Unique identification code of the product-type	0160
Intended use/es	Thermal insulation material for buildings
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönigen (DE)
System/s of AVCP	System 3 (for use in buildings and engineering structures)
Harmonised standard	EN 13165: 2012 + A2: 2016
Notified body/ies	Materialprüfanstalt (MPA) Braunschweig Beethovenstr. 52, 38106 Braunschweig Notified Body No 0761

Certificate of conformity of the factory production control test report no. P-2303/289/23

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



Declared performance/s:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Fire behavior in the system:	B-s1,d0 (EN 13501-1)	System 3	EN 13165: 2012 + A2: 2016
Thermal resistance:	Nominal thickness 30 mm = R _D 1,10		
	Nominal thickness 50 mm = R _D 1,85		
	Nominal thickness 80 mm = R _D 3,05		
	Nominal thickness 120 mm = R _D 4,80		
Thermal conductivity:	d _N 80 mm - λ _d = 0,027 W/(m ² ·K)		
	80 mm ≤ d _N < 120 mm - λ _d = 0,026 W/(m ² ·K)		
	d _N ≥ 120 mm - λ _d = 0,025 W/(m ² ·K)		
Thickness:	30 - 120 mm		
Compressive stress:	CS(10/Y)120		
Tensile strength perpendicular to the panel surface:	TR50		
Dimensional stability under defined conditions of temperature and air humidity:	DS(70,90)3		
	DS(-20,-)1		
Deformation under given load and temperature exposure:	DLT (2)5		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Remmers GmbH
R & D Building protection IV

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i.V. Dr. Magnus Greiwe
(Department manager)

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i.A. Maren Jeske-Marquardt
(Laboratory staff)

The declaration of performance was created electronically and is also valid without signature.

Löningen, 2024-08-21