
blaugelb Triotherm⁺ profile

Revision: 05/08/2021

Page 1 of 3

Declaration of performance reference no.: DoP 202108-19-0101

Unique identification code of the product type:

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Intended use of the construction product by the manufacturer:

Absorption and transfer of resulting forces from windows/façade construction elements into the load-bearing wall component

According to the applicable harmonised technical specification:

EPS – EN 13163 – L(2) – W(1) – T(1) – DS(N)2 – DS(70,-)1 – DLT(2)5 – CS(10)2090 – BS2490

System or systems for the assessment and verification of constancy of performance of the construction product in accordance with Annex V:

System 3

Name and contact address of the manufacturer in accordance with Article 11(5):

**Meesenburg Großhandel KG
Westerallee 162
24941 Flensburg
Germany
Tel. +49 (0)461 5808-2000
www.meesenburg.de**

The notified body: SAC02, NB 0800

**Ofi, Vienna NB 1085 has performed type testing according to System 3
MPA, Braunschweig NB 0761-CPR has performed type testing according to System 3
MFPA, Leipzig SAC02, NB 0800 has performed type testing according to System 3**

Technical assessment body:

European Technical Assessment: not applicable

Declaration of performance

According to Annex II of Regulation (EU) No 305/2011



blaugelb Triotherm⁺ profile

Revision: 05/08/2021

Page 2 of 3

Declaration of performance reference no.: DoP 202108-19-0101

Declared performance:

Essential characteristics	Performance		Harmonised technical specification test standard / test certificate no.
Fire behaviour	Fire behaviour	Euroclass E	MFPA Leipzig no. KB 3.1/18-245-3 acc. to DIN EN 13501-1:2019-05
Water absorption during long-term immersion	Water absorption, W_{lt} [%]	≤ 0.5 %	OFI, Vienna report no. 20.00866-2e acc. to EN 12087
Discharge of hazardous substances into the interior of the building	Discharge of hazardous substances ¹⁾	NPD	
Heat transfer resistance	Heat transfer resistance R [m^2K/W] thickness	2.267 m^2K/W d_N 85 mm	MPA, Braunschweig no. 1103/303/21-A acc. to DIN EN 12667: 2001-05
	Thermal conductivity $\lambda_{(10)}$ thickness	0.0375 W/m^2K d_N 85 mm	
Water vapour permeability	Water vapour diffusion resistance factor (μ)	228 μ	OFI, Vienna report no. 20.00866-2f acc. to EN 12086
Pressure resistance	Compression stress at 10 % compression [kPa]	2,090 kPa	MFPA Leipzig no. PB 1.5/20-119-1 acc. to DIN EN 826: 2013-05
	Deformation under defined compressive and temperature stress at 40 kPa, 70 °C and 168 h, DLT 5	< 0.4 %	MPA, Braunschweig no. 1103/303/21-A acc. to DIN EN 1605:2013-05
Bending strength	Bending strength	2,490 kPa	MFPA Leipzig no. PB 1.5/20-119-1 acc. to DIN EN 12089
Durability of fire behaviour under the influence of heat, weathering, ageing/degradation	Resistance properties	NPD	
Durability of the heat transfer resistance	Resistance properties	Satisfied	
Dimensional stability	Dimensional stability under defined temperature and humidity conditions	DS(70,-)1	MPA, Braunschweig no. 1103/303/21-A acc. to EN 1604
	Dimensional stability in normal climatic conditions	DS(N)-2	MPA, Braunschweig no. 1103/303/21-A acc. to EN 1603
Stability of the pressure resistance against ageing/degradation	Creep behaviour	NPD	
	Freeze/thaw cycling	NPD	

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blaugelb Triotherm⁺ profile

Revision: 05/08/2021

Page 3 of 3

Declaration of performance reference no.: DoP 202108-19-0101

The performance of the product corresponds to the declared performance. The manufacturer alone is responsible for the preparation of this declaration of performance.

Signed for and on behalf of the manufacturer by

05/08/2021

Date

Signature

Robert Leinert

Head of Product Management