



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	Power Protect R15 [eco]
No.	Nr. GBI-F 049-1
Unique identification code of the product-type	0265
Intended use/es	Thermal insulation products for buildings (ThIB)
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönigen (DE)
System/s of AVCP	System 3
Harmonised standard	EN 13169:2012+A1:2015
Notified body/ies	EN 13169:2012, System 3 LNE Notified Body 0071



Declared performance/s

Essential characteristics	Performance		
Thermal resistance	Thermal resistance	Nominal thickness d _N (mm)	RD (m ² •K/W)
		15	0,25
	Thermal conductivity	λD = 0,060 W/(m•K)	
Reaction to fire	NPD		
Durability of reaction to fire against heat, weathering, ageing/degradation	The fire behaviour of expanded perlite panels does not change		
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance - thermal conductivity	Thermal conductivity of perlite panels does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.	
	Durability characteristics	For dimensional stability thickness only	
	Dimensional stability under specified temperature and humidity conditions	NPD	
Compressive strength	Compressive stress	CS(10Y)300	
Tensile/Flexural strength	Tensile strength perpendicular to faces	TR	
	Bending strength	BS	
Durability of compressive strength against ageing/degradation	NPD		
Water vapour permeability	NPD		
Release of dangerous substances to the indoor environment	Thermal insulation products must not release regulated dangerous substances above the allowed maximum levels specified in the European or National regulations; European test methods will be defined later.		
Continuous glowing combustion	NPD		

product name	Dimensions			package contents
	breadth	length	thickness	Boards in the package/m ²
Power Protect R15 [eco]	380 mm +/- 2 mm	580 mm +/- 2 mm	15 mm +/- 1 mm	16 boards ± 3,53 m ²

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 II

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i. V. Thorsten Kaup
(Department Manager)

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i. A. Georg Scheermann
(Technician, Team leader)

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

Löningen, 2024-03-21