



DECLARATION OF PERFORMANCE

No.: Rigips_Glasroc_F_V500_LE_0916

Product Type

ETA 11/0083: Fire protective board

Identification of the construction product

Rigips Glasroc F V500

Batch identification is made by a batch number printed on the board

Intended use

Fire protective board for technical services assemblies in buildings (type 9 acc. ETAG 018-1)

Manufacturer

**Saint-Gobain Rigips GmbH
Schanzenstraße 84
D-40549 Düsseldorf**

Systems of assessment and verification of constancy of performance

System 1

European Assessment Document

ETAG 018 part 1 and part 4

European Technical Assessment

ETA 11/0083

Technical Assessment Body

SINTEF Building and Infrastructure, NB 1812

Certificate of constancy of performance

1812-CPR-0150

Essential characteristics	Performance	Harmonised technical specification
	Thicknesses: 35 mm ± 0,5 mm 45 mm ± 0,5 mm 55 mm ± 0,5 mm Density: 520 kg/m ³ ± 15 %	
§ 4.1 Mechanical resistance and stability	Not relevant	
§ 4.2 Safety in case of fire		
Reaction to fire	A1	
Resistance to fire	ETA 11/0083	
§ 4.3 Hygiene, Health and the Environment		
Water permeability	Not relevant for intended use Z₂	
Dangerous substances	NPD	
§ 4.4 Safety in use		
Flexural strength	≥ 1,3 MOR_{min} [MPa]	
Compressive strength longitudinally transversely	≥ 1,41 (± 0,13) MPa ≥ 1,35 (± 0,08) MPa	
Tensile strength longitudinally transversely	≥ 0,51 (± 0,03) MPa ≥ 0,45 (± 0,04) MPa	ETAG 018 Part 1 and 4
Dimensional stability	Dimensionally stable for intended use Z₂	
Resistance to impact and movement	NPD	
Adhesion	Not relevant	
§ 4.5 Protection against noise		
Airborne sound insulation R _w (C; C _{tr})	32 (0;-2) dB	
§ 4.6 Energy economy and heat retention		
Thermal conductivity	0,145 W(mK)	
Water vapour permeability	≥ 3,82	
§ 4.7 Durability, serviceability and identification		
Durability and serviceability	The performance of the product confirms a working life of 25 years for the intended use type Z₂ (internal use).	



The performance of the product for which this DoP has been issued is in conformity with the declared performance.
This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Dr. Winfried Spickermann, Head of Product Development
(name and function)

Ladenburg, 02.08.2016
(place and date of issue)



Saint-Gobain Rigips GmbH
Dr.-Adolf-Reinhold-Str. 20 • D-68626 Ladenburg
[Signature]
(signature)

Werner Hansmann, Managing Director
(name and function)

Düsseldorf, 08.08.2016
(place and date of issue)

Saint-Gobain Rigips GmbH
Schanzenstr. 84 • D-40549 Düsseldorf
[Signature]
(signature)

