



DECLARATION OF PERFORMANCE

No.: Rigidur_Hsd_18_LE_0413

Product Type

EN 15283-2 : GF-C2-I-W2

Identification of the construction product

Rigidur Hsd 18

Batch identification consists of identification code of the production plant, production date and time printed on the back of the board

Intended use

Gypsum fibre board for the use in buildings

Manufacturer

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

Systems of assessment and verification of constancy of performance

System 3 for reaction to fire, shear strength, water vapour resistance factor and thermal conductivity

System 4 for all other properties

The notified body

**Materialprüfanstalt für das Bauwesen MPA Bau Hannover
– identification number: 0764**

performed the initial type testing regarding the reaction to fire and issued the following classification report:

Klassifizierungsbericht Nr. 130101

The notified body

**VHT Versuchsanstalt für Holz- und Trockenbau gemeinnützige GmbH
– Kennnummer: 1503**

performed the initial type testing regarding the shear strength and issued the following report:

PB-W-BP-08-0325-636_3-08-La



The notified body

**HFB Engineering GmbH – Prüfstelle für Baustoffe und Bauelemente
– Kennnummer: 1034**

performed the initial type testing regarding the thermal conductivity and issued the following report:

Prüfprotokoll Nr. 31100 1172/1/02

The notified body

MPA Dresden GmbH – Kennnummer: 0767

performed the initial type testing regarding the water vapour resistance factor and issued the following report:

Prüfprotokoll Nr. DD 4226/2007

Regarding the other characteristics the initial type testing according to EN 15283-2 was performed by the manufacturer.

A factory production control system in compliance with EN ISO 9001 : 2008 adapted to EN 15283-2 is established to ensure that the construction products conform with the declared performance characteristics.

Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire (R2F)	A2-s1, d0	EN 15283-2
Shear strength ($\uparrow\downarrow$)	1270 N	EN 15283-2
Flexural strength (F)	fulfilled	EN 15283-2
Water vapour resistance factor (μ)	1423	EN 15283-2
Thermal conductivity (λ)	0,20 W/(m*K)	EN 15283-2
Dangerous substances	NPD	EN 15283-2
Airborne sound insulation (R)	see system documentation of Saint-Gobain Rigips GmbH	EN 15283-2
Impact resistance ($\rightarrow I$)		
Acoustic absorption (α)		



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. Rüdiger Vogel, Managing Director
(name and function)

Düsseldorf, 18.03.2013
(place and date of issue)



(signature)

Saint-Gobain Rigips GmbH
Schanzenstr. 84 · D-40549 Düsseldorf

