DECLARATION OF PERFORMANCE

No.: Rigidur_H_125_LE_2601

(1) *Unique identification code of the product-type*
Rigidur_H_125_LE_2601

(2) *Intended use/es*
Load-bearing and non-load-bearing system components for drywall constructions (for example for wooden based or steel-based substructures). Non-load-bearing boards in ceilings. Load-bearing and bracing applications under seismic action.
GF-C1-I-W2 (according to EN 15283-2) 12.5 mm

(3) *Manufacturer*
SAINT-GOBAIN RIGIPS GmbH
Willstätterstraße 60
D-40549 Düsseldorf

(4) *Authorised representative*
N/A

(5) *System/s of AVCP*
System 3

(6a) *Harmonised standard*
N/A

Notified body/ies
N/A

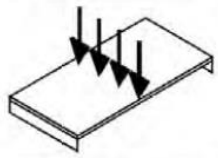
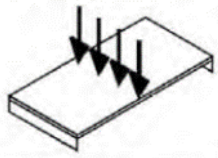
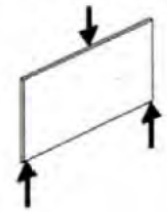
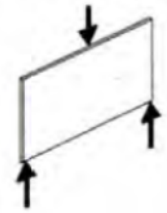
(6b) *European Assessment Document*
EAD 070001-02-0504

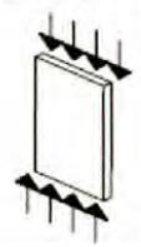
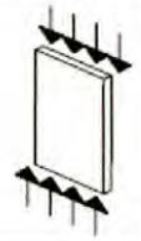
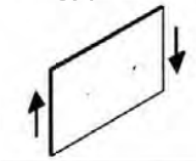
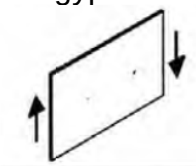
European Technical Assessment
ETA-08/0147, 07.01.2025

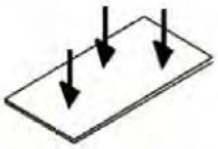
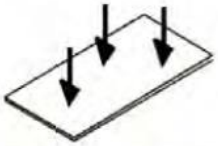
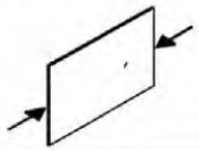
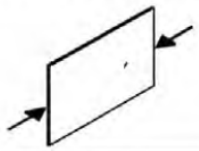
Technical Assessment Body
Österreichisches Institut für Bautechnik

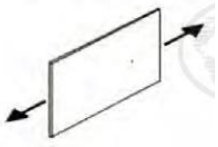
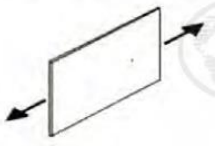
Notified body/ies
N/A

(7) Declared performance/s

GA	Essential characteristics	Assessment method	Level / Class / Description
1	**Mechanical resistance and stability**		
	Bending strength (in transverse direction = in longitudinal direction)		
	Bending strength $f_{m,\,90,\,k}$ Mechanical actions perpendicular to the gypsum board 	EAD 070001-02-0504 2.2.1	5,5 N/mm²
	Bending modulus of elasticity $E_{m,\,90,\,mean}$ Mechanical actions perpendicular to the gypsum board 	EAD 070001-02-0504 2.2.1	4 500 N/mm²
	Bending strength $f_{m,\,0,\,k}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.1	4,5 N/mm²
	Bending modulus of elasticity $E_{m,\,0,\,mean}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.1	3 500 N/mm²

GA	Essential characteristics	Assessment method	Level / Class / Description
(1.)	**Shear strength** (in transverse direction = in longitudinal direction)		
	Shear strength $f_{r,k}$ Mechanical actions perpendicular to the gypsum board 	EAD 070001-02-0504 2.2.2	1,2 N/mm²
	Shear modulus $G_{r,mean}$ Mechanical actions perpendicular to the gypsum board 	EAD 070001-02-0504 2.2.2	650 N/mm²
	Shear strength $f_{v,k}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.2	2,3 N/mm²
	Shear modulus $G_{v,mean}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.2	1 300 N/mm²

GA	Essential characteristics	Assessment method	Level / Class / Description
(1.)	**Compression strength** (in transverse direction = in longitudinal direction)		
	Compression strength $f_{c,\,90,\,k}$ Mechanical actions perpendicular to the gypsum board 	EAD 070001-02-0504 2.2.3	6,0 N/mm²
	Compression modulus of elasticity $E_{c,\,90,\,mean}$ Mechanical actions perpendicular to the gypsum board 	EAD 070001-02-0504 2.2.3	300 N/mm²
	Compression strength $f_{c,\,0,\,k}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.3	9,0 N/mm²
	Compression modulus of elasticity $E_{c,\,0,\,mean}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.3	4 500 N/mm²

GA	Essential characteristics	Assessment method	Level / Class / Description
(1.)	**Tensile strength** (in transverse direction = in longitudinal direction)		
	Tensile strength $f_{t,0,k}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.4	2,2 N/mm²
	Tensile modulus of elasticity $E_{t,0,mean}$ Mechanical actions in plane of the gypsum board 	EAD 070001-02-0504 2.2.4	4 500 N/mm²
	Racking strength	EAD 070001-02-0504 2.2.5	Calculation acc. to EN 1995-1-1 Reduction factor for loss of racking strength and stiffness: k_{red} = 0,65
	Density	EN 15283-2	1000 kg/m³ ≤ ρ ≤ 1350 kg/m³ Densitiy 1200 kg/m³
	Creep and duration of the load	EAD 070001-02-0504 2.2.8	see Annex 3 of ETA-08/0147
	Dimensions	EN 15283-2	Panel thickness ≤ 18 mm: t: ± 0,5 mm b: +0/-4 mm l: +0/-5 mm Squareness: ≤ 2,5 mm/m
	Dimensional stability Shrinkage and swelling	EN 318	per 30 % change in relative humidity: ≤ 0,45 mm/m
	Moisture content during service shall not change to such an extent that adverse deformation will occur.		
	Surface hardness	EN 15283-2 5.11	Passed for board type GF-I
	Embedment strength of fasteners (staples, nails, screws) in boards	EAD 070001-02-0504 2.2.6	see Annex 4 of ETA-08/0147
	Head pull-through parameter of fasteners (staples, nails, screws) in boards	EAD 070001-02-0504 2.2.7	see Annex 4 of ETA-08/0147

GA	Essential characteristics	Assessment method	Level / Class / Description
	Structural cohesion of the core at high temperature	EN 520 5.10	Passed for board type F
	Static ductility of dowel-type fasteners (staples, screws) in boards	EAD 070001-02-0504 2.2.11	see Annex 5 of ETA-08/0147
2.	**Safety in case of fire**		
	Reaction to fire $\rho \geq 1200$ kg/m³	EN 13501-1	A2-s1, d0
3.	**Hygiene, health and environment**		
	Water vapour permeability specified as water vapour diffusion resistance Water vapour diffusion equivalent air layer thickness (s_d) (ρ = 1237 kg/m³)	EN ISO 12572	19 0.24
	Water penetration		NPD
	Water absorption - Board surface - Total	 EN 15283-2, 5.8 EN 15283-2, 5.9	 Passed for board type GF-W2 < 30 %
	Moisture absorption		NPD
4.	**Safety and accessibility in use**		
	Hard body impact resistance	EN 1128	IR = 27 mm/mm
5.	**Protection against noise**		
	Airborne sound insulation		NPD
	Acoustic absorption		NPD
6.	**Energy economy and heat retention**		
	Thermal resistance specified as thermal conductivity $\lambda_{10, dry}$	EN 12664	0.20 W/(m·K)
	Air permeability		NPD
	Coefficient of thermal expansion		NPD
	Aspects of durability		
	Mould resistance		NPD

(8) *Appropriate Technical Documentation and/or Specific Technical Documentation*
N/A

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:

Düsseldorf, 22. January 2026

Cordula Gudduschat, Managing Director

SAINT-GOBAIN RIGIPS GmbH • Hauptverwaltung
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The above Declaration of Performance is valid for the following products:

Rigidur H 12.5

Template for the CE marking to be affixed to the product:

CE
SAINT-GOBAIN RIGIPS GmbH **Willstätterstraße 60** **D-40549 Düsseldorf** **13** **Rigidur_H_125_LE_2601**
EAD 070001-02-0504 **Load-bearing and non-load-bearing system components for drywall constructions (for example for wooden based or steel-based substructures). Non-load-bearing boards in ceilings. Load-bearing and bracing applications under seismic action.** **GF-C1-I-W2 (according to EN 15283-2) 12.5 mm**

Reaction to fire	A2-s1, d0
Water vapour permeability specified as water vapour diffusion resistance	19
Thermal conductivity	0.20 W/(m·K)

For the values according to the ETA, please refer to the declaration of performance or ETA.