

DECLARATION OF PERFORMANCE
No. 25_1117131_2018

1. Unique identification code of the product type:
RIGIPS PRO Duraline type DFIREH1 thickness: 12.5 mm
2. Intended use(s):
Gypsum plasterboard designed for use in construction works, including those designed for processing as part of further treatment
3. Manufacturer:
Saint-Gobain Construction Products Polska Sp. z o.o.
ul. Okrężna 16, 44-100 Gliwice
Manufacturing plant: **Rigips-Stawiany Factory**
Szarbków 73, 28-400 Pińczów
4. System or systems of assessment and verification of constancy of performance:
System 3
Notified body: **Building Research Institute (ITB), No. 1488**
5. Harmonised standard:
PN-EN 520+A1:2012 Gypsum plasterboards. Definitions, requirements and test methods.
6. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Shear strength (for stiffening timber-framed external walls and timber roof truss structures)	NPD	PN-EN 520+A1:2012
Reaction to fire (for an uncovered product)	A2-s1,d0	PN-EN 520+A1:2012
Flexural strength longitudinal direction transverse direction	725 N 300 N	PN-EN 520+A1:2012
Impact resistance (in end-use conditions)	<p align="center">These properties depend on the system, and they are provided in the manufacturer's information at www.rigips.pl depending on the expected applications</p>	PN-EN 520+A1:2012
Airborne sound insulation (in end-use conditions)		
Acoustic absorption (in end-use conditions)		
Thermal resistance (as thermal conductivity)	0,155 W/(mK)	PN-EN 520+A1:2012
Joint shear strength (clamps:φ1.53 mm) – longitudinal	578 N	PN-EN 520+A1:2012
Joint shear strength (clamps:φ1.53 mm) – transverse	542 N	PN-EN 520+A1:2012
Joint shear strength (clamps:φ3.5x35 mm) – longitudinal	1107 N	PN-EN 520+A1:2012
Joint shear strength (clamps:φ3.5x35 mm) – transverse	908 N	PN-EN 520+A1:2012

Surface hardness (dent diameter)	$\leq 15 \text{ mm}$	PN-EN 520+A1:2012
Surface water absorption	$\leq 180 \text{ g/m}^2$	PN-EN 520+A1:2012
Overall water absorption	$\leq 5 \%$	PN-EN 520+A1:2012

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 on behalf of the manufacturer by:

Piotr Świerczek, Production Manager

(name and position)

Szarbków, 10 September 2018

(place and date of issue)

(signature)

