

**DECLARATION OF PERFORMANCE**  
**No. 27\_1117133\_2018**

1. Unique identification code of the product type:  
**RIGIPS PRO Duraline type DFIREH1 thickness: 15 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 4**
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)	<b>NPD</b>	PN-EN 520+A1:2012
Reaction to fire (for an uncovered product)	<b>A2-s1,d0</b>	PN-EN 520+A1:2012
Flexural strength longitudinal direction transverse direction	<b>870 N</b> <b>360 N</b>	PN-EN 520+A1:2012
Impact resistance (in end-use conditions)	<b>These properties depend on the system, and they are provided in the manufacturer's information at <a href="http://www.rigips.pl">www.rigips.pl</a> depending on the expected applications</b>	PN-EN 520+A1:2012
Airborne sound insulation (in end-use conditions)		
Acoustic absorption (in end-use conditions)		
Thermal resistance (as thermal conductivity)	<b>0,155 W/(mK)</b>	PN-EN 520+A1:2012
Joint shear strength (clamps:φ1.53 mm) – longitudinal	<b>578 N</b>	PN-EN 520+A1:2012
Joint shear strength (clamps:φ1.53 mm) – transverse	<b>542 N</b>	PN-EN 520+A1:2012
Joint shear strength (clamps:φ3.5x35 mm) – longitudinal	<b>1107 N</b>	PN-EN 520+A1:2012

Joint shear strength (clamps: $\phi 3.5 \times 35$ mm) – transverse	908 N	PN-EN 520+A1:2012
Surface hardness (dent diameter)	$\leq 15$ mm	PN-EN 520+A1:2012
Surface water absorption	$\leq 180$ g/m <sup>2</sup>	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)

**Szarbów, 10 September 2018**

(place and date of issue)



(signature)