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DECLARATION OF PERFORMANCE

No. P19/2013

1. Unique identification code of the type of product:

Gypsum plasterboard RIGIPS PRO Duraline type DFRIEH1 thickness 12,5 mm / EN 520 / KS

2. Number of type, lot and series or any other element enabling identification of building product required as per art. 11 para 4:

Production date printed on the board: **DD.MM.RR**

3. Assumed manufacturer's application or applications of the building product in accordance with harmonized technical specification being applied:

Gypsum plasterboard to be used in the building industry to make panelling in the system of dry installation and prefabrication of various building elements. To be used in the premises of relative humidity of up to 70% and periodically of up to 10 hours a day of a higher relative humidity up to 85%

4. The name, registered commercial name or registered trademark as well as manufacturer's contact address as set forth in art. 11 para 5:

Saint-Gobain Construction Products Polska Sp. z o.o.
ul. Okrężna 16 • 44-100 Gliwice
Manufacturer: **Rigips - Stawiany**
Szarbków 73 • 28-400 Pińczów

5. In relevant cases the name and the address of an authorized contact person whose authorization includes the tasks as set forth in art. 12 para 2:

Not applicable

6. System or systems of evaluation and verification the stability of practical properties of the building product defined in the Appendix V:

System 4

7. In case of declaration of practical properties concerning the building product covered by harmonized standard.

Not applicable

8. In case of declaration of practical properties concerning the building product for which a European technical evaluation has been published.

Not applicable

Deky

9. Declared performances:

Main characteristics	Performance	Harmonized technical specification
Shear strength (for stiffening the wooden skeleton structure of the external walls and the wooden rafter framing)	NPD	EN 520:2004+A1:2009
Reaction to fire (for the unshielded product)	A2-s1,d0	EN 520:2004+A1:2009
Water vapour permeability (for the control of water diffusion) [μ]	11.7	EN 520:2004+A1:2009
Bending strength longitudinal direction crosswise direction	725 N 300 N	EN 520:2004+A1:2009
Impact resistance (in the condition of final use)	defined for the systems^{*)}	EN 520:2004+A1:2009
* Acoustic insulation from the air sounds (in the condition of final use)	defined for the systems^{*)}	EN 520:2004+A1:2009
* Sound absorption (in the condition of final use)	defined for the systems^{*)}	EN 520:2004+A1:2009
Thermal resistance (expressed as thermal conductivity) [λ]:	0.155 W/(mK)	EN 520:2004+A1:2009
Shear strength of coupling link (of the clamp ϕ 1.53 mm) – longitudinal [N]	578	EN 520:2004+A1:2009
Shear strength of coupling link (of the clamp ϕ 1.53 mm) – crosswise [N]	542	EN 520:2004+A1:2009
Shear strength of coupling link (of the clamp ϕ 3.5x35 mm) – longitudinal [N]	1107	EN 520:2004+A1:2009
Shear strength of coupling link (of the clamp ϕ 3.5x35 mm) – crosswise [N]	908	EN 520:2004+A1:2009
Surface hardness (the diameter of indentation) [mm]	≤ 15	EN 520:2004+A1:2009
Surface hardness (acc to Brinell) [MPa]	>27	EN ISO 6506-1
Surface water absorption [g/m^2]	≤ 180	EN 520:2004+A1:2009
Total water absorption [%]	≤ 5	EN 520:2004+A1:2009

* See manufacturer's literature

dky

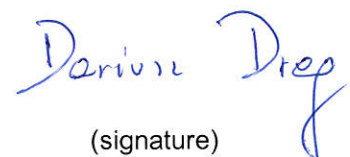
10. The performance of the product as set forth in points 1 and 2 are in compliance with the declared practical properties as shown in point 9

This declaration of practical properties has been issued at the exclusive responsibility of the manufacturer indicated in point 4.

For and on behalf of manufacturer (-a):

Dariusz Draj, Chief Process Engineer
(name and position)

Szarbków, 14.07.2014
(place and date of issuing)



(signature)

The product does not contain any ingredients classified as hazardous substances.