

## DECLARATION OF PERFORMANCE HU-DoP\_HABITO\_H\_12,5\_003

Unique identification code of the product-type

**Habito H Hydro PRO (DFRIH1) 12.5**

**Controlled density fire resistant impregnated board with enhanced strength and improved surface hardness**

Intended use or uses of the construction product

**Building material for partition walls and suspended ceilings**

**Area code: 7 - Gypsum products**

Name and registered trademark of the manufacturer

**Saint-Gobain Construction Products Hungary Kft.**

**H-2085 Pilisvörösvár, Bécsi út 07/5 hrsz.**

**Rigips brand is a registered trademark.**

**www.rigips.hu**

The system of AVCP

**System 3 for shear strength test**

**System 4 for initial Type Testing with Factory Production Control**

Harmonized standard

**The product according to MSZ EN 520 standard**

Initial type testing for shear strength was performed by

**ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft.**

**identification number 1415**

test report number

**M1-A143K-10840-2016/A**



8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Product type	<b>DFRIH1</b>	<b>EN 520</b>
Reaction to fire	<b>A2-s1, d0</b>	<b>EN 520</b>
Nominal thickness	<b>12.5 mm</b>	<b>EN 520</b>
Density	<b>&gt;920 kg/m<sup>3</sup></b>	<b>EN 520</b>
Thermal conductivity	<b>0.25 W/mK</b>	<b>EN 520</b>
Water vapour diffusion resistance factor $\mu$	<b>6-10</b>	<b>EN 520</b>
Flexural strength (longitudinal)	<b>min. 1000 N</b>	<b>EN 520</b>
Flexural strength (transverse)	<b>min. 500 N</b>	<b>EN 520</b>
Shear strength	<b>995 N</b>	<b>EN 520</b>
Dangerous substance	<b>NPD*</b>	<b>EN 520</b>
Water absorption class	<b>H1</b>	<b>EN 520</b>
Total water absorption	<b>&lt;5 %</b>	<b>EN 520</b>
Impact resistance	<b>See system documentation of the manufacturer</b>	<b>EN 520</b>
Fire resistance		
Airborne sound insulation		

\*NPD= No Performance Determined

**The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Budapest, October 6, 2017



Zoltan ZAM

Plant and Supply Chain Manager



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