

**Declaration of Performance**  
**No. HYDRO\*\*10\*\*1200BA\*\*1\_2016**



In accordance with Construction Products Regulation 305/2011 regarding the harmonization for the marketing of construction products and repealing Council Directive 89/106/EEC, the manufacturer (point 4) declares on his sole responsibility that the performance of the product identified at points 1 and 2 is in conformity with the declared performance at point 7 and the product can be used according to the instructions contained in the product documentation.

**1. Unique identification code of the product-type**

**GYPSUM PLASTERBOARD NIDA HYDRO, TYPE H2, TAPERED EDGES**  
**THICKNESS 9,5 mm, FIRE REACTION : A2-s1,d0(B1)**

**2. Product Identification**

(type, serial number or any other element allowing identification as required pursuant to Article 11(4) )

**Type, date and hour of manufacturing, printed on the back of the boards**

**Name, package number, printed on package label**

**3. Intended use**

**According to annex B1, SR EN 520+A1:2010**

**4. Name and contact address of the manufacturer**

**Head office**

**ETEX BUILDING PERFORMANCE S.A.**

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**Plant**

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**5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

**System 4 for all requirements**

**According to annex ZA.2 of reference standard**

**6. Construction Product covered by harmonized standard:**

**SR EN 520 + A1: 2010 “Gypsum Plasterboard: definitions and requirements and test methods”**

**7. Declared performance**

Essential Characteristics	Harmonized Standard	Standard requirements	Performance
Reaction to fire class	SR EN 520 +A1:2010 clause 4.2	Classification without further trials according to Annex B	A2-s1,d0 / B1
Shear strength (for stiffening timber frame external walls and timber roof truss structure)	SR EN 520 +A1:2010 clause 4.1.1	This characteristics is not subject to a threshold value	NPD ( No Performance Determined )
Water vapor permeability (dimensionless)	SR EN 520 +A1:2010 clause 4.4	Tabulated design value according to EN 12524	10
Flexural strength – CD (N)	SR EN 520 +A1:2010 clause 4.1.2	Threshold value 160	160
Flexural strength – MD (N)	SR EN 520 +A1:2010 clause 4.1.2	Threshold value 400	400
Total absorption (%)	SR EN 520 +A1:2010 clause 4.10.2	To be classified as H2: ≤ 10	H2
Surface water absorption (face/back) gr / m <sup>2</sup>	SR EN 520 +A1:2010 clause 4.10	Face: threshold value 220 / class H2	H2
		Face: threshold value 220 / class H2	H2
Thermal resistance ( W/mK)	SR EN 520 +A1:2010 Clause 4.7	Tabulated design value according to EN 12524	0,25
Impact resistance (in end use conditions) (kJ)	SR EN 520 +A1:2010 clause 4.3	Performance declared is for the system of which the product is a part	See producer's literature
Direct airborne sound insulation	SR EN 520 +A1:2010 clause 4.6.1	Performance declared is for the system of which the product is a part	See producer's literature
Acoustic absorption (in end use conditions)	SR EN 520 +A1:2010 clause 4.6.2	Performance declared is for the system of which the product is a part	See producer's literature

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance at point 7. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

**C€ marking is implemented since 2016.**

- Name and address of the laboratory which performed the trials: plant laboratory

**Signed for and behalf of the manufacturer:**

**Chemist Jianu Janina  
Laboratory Manager**



**Eng . Budrugaec Gheorghe  
Plant Manager**



**Turceni, 14.04.2016**