

## DECLARATION OF PERFORMANCE

Nr.: FLAM\*\*13\*\*1200BA\*\*2\_2022

**1. Unique identification code of the product-type:**  
**GYPSUM PLASTERBOARD NIDA FLAM 12.5, TYPE DFR**

**2. Intended use :**

Gypsum board with improved cohesion of the gypsum core at high temperature, increased strength and high density, used for dry plasters (dry wall lining), for fixed or suspended ceilings and partition walls, according to the manufacturer's instructions.

**3. Name and address of the manufacturer:**

ETEX BUILDING PERFORMANCE S.A.  
 Vulturilor STREET 98, 5<sup>th</sup>- 6<sup>th</sup> floor, 3<sup>th</sup> DISTRICT, Bucharest, Romania

**4. System or systems of assessment and verification of constancy of performance of the construction product:**  
 SYSTEM 4.

**5. Construction product covered by a harmonized standard:**

The Initial Type Test was performed by the manufacturer according to SR EN 520 + A1: 2010.  
 The Factory Production Control performed in accordance with the provisions of EN ISO 9001: 2015, adapted for SR EN 520 + A1: 2010, is implemented to ensure the quality of the products as being in accordance with the declared performance characteristics.

**6. Declared performance:**

Essential characteristics	Performance	Harmonized technical specifications
Bending strength (for R classification) - Transversal direction (N) - Longitudinal direction (N)	300 (Treshold value) 725 (Treshold value)	SR EN 520+A1:2010
Fire reaction	A2-s1, d0 (B1)	SR EN 520+A1:2010
Water vapor permeability (expressed as water vapor resistance factor - $\mu$ )	10/4 (dry/wet) (SR EN ISO 10456:2008)	SR EN 520+A1:2010
High density (additional requirement for gypsum plasterboard type D) (kg/m <sup>3</sup> )	800 (Treshold value)	SR EN 520+A1:2010
Thermal resistance (expressed as thermal conductivity - $\lambda$ )	0,25 W/mK (SR EN ISO 10456:2008)	SR EN 520+A1:2010
Core cohesion at high temperature (additional requirement for F type classification)	When an F type plasterboard is subjected to the test described at pt. 5.10 of SR EN 520 + A1: 2010, none of the 6 samples should break.	SR EN 520+A1:2010
Shear strength (for stiffening timber frame external walls and timber roof truss structure)	NPD	SR EN 520+A1:2010
Direct airborne sound insulation - R	These essential characteristics depend on the system to which the product belongs and are mentioned in the manufacturer's documentation based on the intended use: <a href="http://www.siniat.ro">www.siniat.ro</a>	SR EN 520+A1:2010
Impact resistance - $\rightarrow I$		SR EN 520+A1:2010
Acoustic absorption		SR EN 520+A1:2010

More details on the technical parameters of the product are available in the Product Data Sheet.

This Declaration of Performance together with the Technical Data Sheet and the Safety Data Sheet of the product are available on the internet, at the address [www.siniat.ro](http://www.siniat.ro)

The performance of the product identified above is in accordance with the stated performance set.  
This declaration of performance shall be issued in accordance with Regulation (EU) No 182/2011. 305/2011 with subsequent amendments and completions, on the exclusive responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

**Ing. Budruga, Gheorghe**  
**Director Industrial**



Turceni, 20.04.2022