DECLARATION OF PERFORMANCE
NO.FLAM PLUS13**1200BA**1_2018**

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 FLAM PLUS, TYPE DFR,
TAPERED EDGES THICKNESS 12.5 mm,
REACTION TO FIRE: A2-s1, d0(B1)

2. Product identification:

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

Type, date and hour of manufacturing, printed on the back of the boards
Name, package number, printed on package label

3. Intended use; End-use applications:

The plasterboards are used for dry wall lining finishes for fixed or suspended ceilings for partition walls according to the manufacturer's instructions.

Follow the recommendations made in the Technical Data Sheet and the Safety Data Sheet End-use applications:

According to Annex B1, SR EN 520+A1:2010

4. Name and address of the manufacturer:

Headquarters
ETEX BUILDING PERFORMANCE S.A.
Vulturilor STREET 98, 5th - 6th floor 3th DISTRICT, Bucharest, Romania
Phone:(+40)31 224 01 00
Fax: (+40)31 224 01 01
www.siniat.ro
Plant
No. 1 Siniat Street, Turceni, Romania
Phone:+ 037 284 93 00
Fax: + 037 284 93 01

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 essential requirements,
according to Annex ZA.2 of the reference standard

6. Construction product covered by a harmonized standard:

SR EN 520+A1:2010, "Gypsum plasterboards: definitions, requirements and test methods"

7. Declared performance

Essential characteristics	Harmonized test Standard	Standard requirements	Performance
Reaction to fire:	SR EN 520+A1:2010 clause 4.2	Classification without further tests 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 characteristic is not subject to a threshold value „No performance determined " option shall be used.	PND (no performance determined)
Water vapour permeability (dimensionless)	SR EN 520+A1:2010 clause 4.4	Use the values of the water vapour resistance factor according to EN 12524	10
Transversal flexural strength CD (N) for plasterboard type R classification	SR EN 520+A1:2010 clause 4.1.2	Threshold value 300	300
Longitudinal flexural strength MD (N) for plasterboard type R classification	SR EN 520+A1:2010 clause 4.1.2	Threshold value 725	725
Density (additional requirement for gypsum plasterboard type D) (kg/m^3)	SR EN 520+A1:2010 clause 4.13	Threshold value 800 kg/m^3	800
Core cohesion at high temperature (additional requirement for F type classification)	SR EN 520 +A1:2010 clause 4.12	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.	Complies
Thermal resistance (W/mK)	SR EN 520+A1:2010 clause 4.7	Thermal conductivity design values for gypsum plasterboards, given in EN 12524, are used.	0,25
Impact resistance (in end use conditions) (kJ)	SR EN 520+A1:2010 clause 4.3	Performance dependent on an assembled system and not of the product in isolation	According to the technical documentation
Direct airborne sound insulation (in end use conditions) (dB)	SR EN 520+A1:2010 clause 4.6.1	Performance dependent on an assembled system and not of the product in isolation	According to the technical documentation
Acoustic absorption (in end use conditions) (dimensionless)	SR EN 520+A1:2010 clause 4.6.2	Performance dependent on an assembled system and not of the product in isolation	According to the technical documentation

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

Name and address of the laboratory which performed the tests - plant laboratory

Signed for and on behalf of the manufacturer by:

Chimist Jianu Janina
Quality Manager, Turceni

Ing. Budrugeac Gheorghe
Director Industrial

29.01.2018