

DECLARATION OF PERFORMANCE

No.: 02EPS60/RO/E

1. Unique identification code of the product-type:

Products manufactured from fireproof expanded polystyrene - ADEPLAST EPS 60

EPS60 -EN 13163-T2-L3-W3-S_b2-P5-BS100-CS(10)60-DS(N)2-DLT(1)5-TR50-WL(T)2

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of CPR: **see product label**

3. Intended use or uses of the construction product, pursuant to the applicable harmonized technical specification as provided for by the manufacturer: **building thermal insulations.**

4. Name, registered trade name or registered trade mark and the contact address of the manufacturer, as required under article 11, paragraph (5):

S.C. ADEPLAST S.A.

Sat Corlătești str. Adeplast nr.164A; Cod poștal: 107063

Com. Berceni; jud. Prahova, România; Tel. 0244338000

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12, paragraph (2): not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product, as set out in Annex V: **System 3**

7. In case of the declaration of performance concerning a construction product by a harmonized standard: EN 13163+A1:2015

Notified bodies:

- EMI Non-profit Limited Liability Company for Quality Control and Innovation in Building, Dioszegi Street No. 37, 1113 Budapest, Hungary, identification number: NB 1415, which issued the report no. O-23/2016.

- National Institute for Research and Development in Constructions, Zoning and Sustainable Spatial Development, URBAN-INCERC, Șos. Pantelimon no. 266, sector 2, Bucharest, Romania; Cluj Napoca Branch, Calea Florești, no. 117, identification number: NB 1841 which issued the report no. 51/2017; 178/2017

7. Declared performance:

| No. | Caracteristici esentiale | Essential characteristics | | | Standard |
|-----|---|--|----------------|------------------------------|-----------------------------|
| 1. | Thermal resistance | Thermal resistance | R _D | see m ² K/W no.20 | EN 13163+A1:2015 |
| | | Thermal conductivity | λ _D | 0,040 W/mK | |
| | | Thickness | d _N | T2 | |
| 2. | Reaction to fire | Reaction to fire | E | | |
| 3. | Durability of reaction to fire against heat, weathering, ageing/degradation | Durability characteristics | NPD | | |
| 4. | Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal resistance | R _D | see m ² K/W no.20 | |
| | | Thermal conductivity | λ _D | 0,040 W/mK | |
| | | Durability characteristics | NPD | | |
| 5. | Compressive strength | Compressive stress or compressive strength | kPa | CS(10)60 | |
| 6. | Tensile/Flexural strength | Bending strength | kPa | BS 100 | |
| | | Tensile strength perpendicular to faces | kPa | TR 50 | |
| 7. | Durability of compressive strength against ageing / degradation | Compressive creep | % | NPD | |
| | | Freeze-thaw resistance | kPa | NPD | |
| | | Long term thickness reduction | % | NPD | |
| 8. | Water permeability | Long term water absorption by immersion | % | WL(T)2 | |

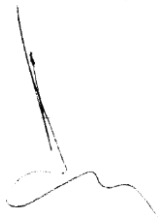
| | | | | | |
|-----|--|---|-----------|------------------|-----------------------------|
| | | Long term water absorption by diffusion | % | NPD | EN 13163+A1:2015 |
| 9. | Water vapour permeability | Water vapour transmission | Mg/Pa.h.m | NPD | |
| 10. | Impact noise transmission index (for floors) | Dynamic stiffness | NPD | | |
| | | Thickness, d_L | | | |
| | | Compressibility, c | | | |
| 11. | Continuous glowing combustion | Continuous glowing combustion | NPD | | |
| 12. | Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD | | |
| 13. | Length | | mm | L3 | |
| 14. | Width | | mm | W3 | |
| 15. | Squareness on length | | mm/m | S _b 2 | |
| 16. | Squareness on width | | mm/m | S _d 2 | |
| 17. | Flatness | | mm | P5 | |
| 18. | Dimensional stability under constant normal laboratory conditions | | % | DS(N)2 | |
| 19. | Dimensional stability under specified temperature or specified temperature and humidity conditions | | % | DS(70,90)1 | |

20. Thermal resistance

| | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Grosime(mm) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 150 | 160 | 200 | 300 |
| Valoare(m ² K/W) | 0,50 | 0,75 | 1,00 | 1,25 | 1,50 | 1,75 | 2,00 | 2,25 | 2,50 | 3,00 | 3,50 | 3,75 | 4,00 | 5,00 | 7,50 |

9. 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 the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:
Head of EPS Division, Cordun: Chelaru Daniel Dumitru



Manufactured by: SC ADEPLAST SA
Business location: Cordun, str. Adeplast nr.1, jud. Neamț / February, 2018
(Place and date of issue)