



teknoprofil[®]

DECLARATION OF PERFORMANCE



No: 10 – DoP – 30/08/2019

305/2011/EU Construction Products Regulation

1) Unique identification code of the product-type

10 kg/m³ - 12 kg/m³ - 14kg/m³ “ Teknopor ”

2) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4)

10 kg/m³ - 12 kg/m³ - 14kg/m³ “ Teknopor ”

3) Intended use (according harmonized technical specification) of the product

Thermal Insulation Product for Building

4) Name, registered trade name and contact address of the manufacturer (In accordance with the fifth paragraph of article 13 of this regulation) :

Teknopanel Çatı ve Cephe Panelleri Üretim San. ve Tic. A.Ş.

Mersin Tarsus OSB 7. Cad. No:10, 33443, Akdeniz, MERSİN

www.teknopanel.com.tr

5) Name and contact address of the authorized representative (As per the second paragraph of Article 14 of this regulation)

Not applicable.

6) System(s) of assessment and verification of constancy of Performance of the construction product (specified in Annex-5 of this regulation)

System 3

7) Case a construction product covered by a harmonized standard;

TS EN 13163 + A2, has been utilized in case of the stability of the performance and has been carried out under System 3 based on type estimates the values given in the table or explanatory documents by the approved laboratory, Çevkak/2372. In conclusion, declaration of performance has been executed under hand and seal based on the experimental report which is 2372-CPR-U11_2019/2019-014.

8) Case of a construction product for which a European Technical Assessment has been issued

Not applicable.

9) Declared Performance

All characteristics listed in the table hereunder are determined in harmonized standard TS EN 13163 + A2

| Essential Characteristics (Teknopor Type 10) | Performance | Harmonize Technical Specification |
|-------------------------------------------------|-----------------|--------------------------------------|
| Thickness | T2 | TS EN 823 |
| Thermal Conductivity | Mak. 0,043 W/mK | TS EN 12667 |
| Reaction to Fire Class | E | TS EN 13501-1 |

| Essential Characteristics (Teknopor Type 12) | Performance | Harmonize Technical Specification |
|-------------------------------------------------|-----------------|--------------------------------------|
| Thickness | T2 | TS EN 823 |
| Thermal Conductivity | Mak. 0,041 W/mK | TS EN 12667 |
| Reaction to Fire Class | E | TS EN 13501-1 |

| Essential Characteristics (Teknopor Type 14) | Performance | Harmonize Technical Specification |
|-------------------------------------------------|-----------------|--------------------------------------|
| Thickness | T2 | TS EN 823 |
| Thermal Conductivity | Mak. 0,039 W/mK | TS EN 12667 |
| Reaction to Fire Class | E | TS EN 13501-1 |

Thermal Resistance:

| | | Thickness (mm) | | | | | | | | | R Value (m ² K/W) |
|------------------------------|----|----------------|------|------|------|------|------|------|------|------|---------------------------------|
| | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | |
| Density (kg/m ³) | 10 | 0,45 | 0,65 | 0,90 | 1,15 | 1,35 | 1,60 | 1,85 | 2,05 | 2,30 | |
| | 12 | 0,45 | 0,70 | 0,95 | 1,20 | 1,45 | 1,70 | 1,95 | 2,15 | 2,40 | |
| | 14 | 0,50 | 0,75 | 1,00 | 1,25 | 1,50 | 1,75 | 2,05 | 2,30 | 2,55 | |

The construction material, which is identified above has the declared performance. This declaration of performance is issued under the responsibility of Teknoperel atı ve Cephe Panelleri Üretim San. ve Tic. A.Ş.

Signed for and on behalf of the manufacturer:

Orhan Kahveci

General Manager

