



**teknoproduct**<sup>®</sup>

## DECLARATION OF PERFORMANCE



**No: 14 – DoP – 20/12/2022**

**305/2011/EU Construction Products Regulation**

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

BP PP

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

Teknoproduct Teknoboard Sandwich Panels

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

Paper faced Polyurethane Foam Insulation Panel for Use in Buildings

**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. Tic. Ve A.Ş.

2. Organize Sanayi Bölgesi 1. Cadde No: 1 Kargalıhanbaba Köyü 54300 Hendek / Sakarya /Türkiye

*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;**

TSE/1783 has been evaluated by the accredited laboratory for the constancy of performance and type tests of the material have been carried out under system 3 based on type calculations, tabulated values, or explanatory documents. Based on the test reports numbered 410517,410545,665780 a performance statement was drawn up.

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

Not applicable.

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## 9) Declared Performance

All characteristics listed in the table hereunder are determined in harmonized standard TS EN 13165+A2.

Essential Characteristics	Performance	Harmonized Technical Specification
Compressive Strength	Min. 0,080 MPa	Mechanical Strength
Tensile Strength Perpendicular to faces	Min. 0,070 MPa	
Reaction to Fire Class*	E	Reaction to Fire Class
Reaction to Fire Class (with plasterboard surface product)*	B s1 d0	
Thermal Conductivity of the Core Material ( $\lambda$ )	$\leq 0,027$ W/mK	Thermal Conductivity
Water permeability	NPD	
Air permeability	NPD	
Water vapor resistance (Z)	8-12 m <sup>2</sup> .h.Pa/mg	
Airborne sound insulation	NPD	
Sound absorption	NPD	
Panel thickness	T (2) / $\pm 2$ mm	Dimensional Variation
Deviation from flatness	L=200 mm 0,6 mm L=400 mm 1,0 mm L>700 mm 1,5 mm	
Length of panel (L)	L $\leq$ 3000 mm $\pm 5$ mm L>3000 mm $\pm 10$ mm	
Cover width (w)	1000 $\pm 2$ mm	
Deviation from straightness	$\pm 1$ mm/m, max. 5 mm	
Deviation from squareness (s)	s $\leq 0,6\%$ * w	

\*\* When the product is fire tested alone, the fire class is E. When the product is installed with a standard installation using a plasterboard surface product, fire class is B s1 d0.

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

Signed for and on behalf of the manufacturer by : Orhan Kahveci  
General Manager



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