



Declaration of Performance

No: 03 – DoP – 04/04/2017

305/ 2011 / EUConstruction Products Regulation

Unique identification code of the product-type: RR-SS / WR-SP / WR-SM / WR-HP / WR-HM

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

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Metal Faced Insulating Panel For Use In Buildings

Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): Teknpanel Çatı ve Cephe Panelleri Üretim San. Ve Tic. A.Ş., 2. Organize Sanayi Bölgesi 1. Cadde No: 1 Kargalıhanbaba Köyü 54300 Hendek / Sakarya / Türkiye

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

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

TSE Construction Products, Fire and Acoustic Laboratories with identification number of 1783 performed the type tests under system 3 and issued type test report numbered SKY/2017-R00085-00

Declared Performance :

Essential Characteristics	Performance	Harmonized Technical Specification
Shear Strength	Min. 0,05 MPa	EN 14509
Shear Modulus	Min. 2,5 MPa	
Creep Coefficient (t=100.000 hours) (for Roofs)	Max. 1,1	
Creep Coefficient (t=2.000 hours) (for Roofs)	Max. 0,95	
Compressive Strength	Min. 0,045 MPa	
Shear Stress Long Term Loading (t=1.000 hours)	0,025 MPa	
Shear Stress Long Term Loading (t=2.000 hours)	0,022 MPa	
Shear Stress Long Term Loading (t=100.000 hours)	0,020 MPa	
Cross Panel Tensile Strength	Min. 0,050 MPa	
Cross Panel Tensile Strength at Elevated Temperatures	Min. 0,040 MPa	
Bending Moment Capacity and Stiffness	Positive: min. 2,3 kNm/m Negative: min 2,3 kNm/m	
Wrinkling Strength	Positive: min. 95 MPa Negative: min. 95 MPa	
Bending Moment Capacity Over a Central Support	Positive: min 3 kNm/m Negative: min. 2,75 kNm/m	
Wrinkling Stress Over a Central Support	Positive: min. 105 MPa Negative: min. 115 MPa	
Reaction to Fire Class	A2 s1 d0	EN 13501-1

Mechanical properties for covering metals; Steel Surfaces – Thickness Tolerance (EN 10143) – Nominal Yield Strength: Min. 220 N/mm².

Core materials specifications; Thermal Conductivity Max. 0,042 W/mK – Density 100 (+/- 10) kg/m³ - Dimensional Stability (EN 13162) Length < %1 – Width < %1 – Thickness < %1.

The performances of the products identified above are in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of Teknopanel Çatı ve Cephe Panelleri Üretim San. Ve Tic. A.Ş.

Signed for and on behalf of the manufacturer by :

Orhan Kahveci- General Manager

Sakarya, 03/2018

