



Declaration of Performance

No: 04 – DoP – 04/08/2010

305/ 2011 / EUConstruction Products Regulation

Unique identification code of the product-type: RE-3S / RE-5S / WF-SP / WF-SM

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): Teknopropanel Çatı ve Cephe Panelleri Üretim San. Ve Tic. A.Ş., Mersin Tarsus OSB 7. Cadde No:10, 33443, Akdeniz/ Mersin / 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:

Efectis ERA Laboratories with identification number of 2184 performed the type tests under system 3 and issued type test report numbered 2184-CPD-01004

Declared Performance :

Essential Characteristics	Performance	Harmonized Technical Specification
Shear Strength	Min. 0,05 MPa	EN 14509:2013
Shear Modulus	Min. 3 MPa	
Compressive Strength	Min. 0,080 MPa	
Shear Stress Long Term Loading (t=1.000 hours)	Min. 0,050 MPa	
Shear Stress Long Term Loading (t=2.000 hours)	Min. 0,045 MPa	
Shear Stress Long Term Loading (t=100.000 saat)	Min. 0,040 MPa	
Cross Panel Tensile Strength	Min. 0,060 MPa	

Cross Panel Tensile Modulus at Elevated Temperatures	Min. 0,050 MPa	
Bending Moment Capacity and Stiffness (for roofs)	Positive; min. 3,7 kNm/m Negative; min 2,3 kNm/m	
Bending Moment Capacity and Stiffness (for walls)	Positive; min. 4,4 kNm/m Negative; min 4,4 kNm/m	
Wrinkling Strength (for roofs)	Positive; min. 150 MPa Negative; min. 100 MPa	
Wrinkling Strength (for walls)	Positive; min. 185 MPa Negative; min. 185 MPa	
Bending Moment Capacity Over a Central Support (for roofs)	Positive; min 4,30 kNm/m Negative; min. 2,40 kNm/m	
Bending Moment Capacity Over a Central Support (for walls)	Positive; min 3,30 kNm/m Negative; min. 3,30 kNm/m	
Wrinkling Stress Over a Central Support (for roofs)	Positive; min. 170 MPa Negative; min. 110 MPa	
Wrinkling Stress Over a Central Support (for walls)	Positive; min. 140 MPa Negative; min. 140 MPa	
Reaction to Fire Class	E	TS 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. 0,038 W/mK – Density 16 (+/- 1) kg/m³ - Dimensional Stability (EN 13163 Table 2), DS(70,90)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

Mersin, 03/2018