



teknopanel®

DECLARATION OF PERFORMANCE



No: 10 – DoP – 28/06/2021

305/2011/EU Construction Products Regulation

Description of the Product : Polyurethane Insulated Sandwich Panels
Intended Usege of the Construction Material According to the Relevant Harmonized Technical specifications : Metal Faced Insulating Panel For Use In Buildings
Registered Trade Name of the Manufacturer : Teknopanel Çatı ve Cephe Panelleri Üretim San.Tic. Ve A.Ş.
Contact Address of the Manufacturer : Turgutlu 1.OSB Tic. Ve San. Odası Bulvarı No:19/1 Selvilitepe Turgutlu/MANİSA
System or System of the construction product : System 3

The construction product, which is in compliance with the harmonized standart TS EN 14509, 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, TSE/1783. In conclusion, declaration of performance has been executed under hand and seal based on the experimental report which is 2043387/01.

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Declared Performance :

Essential Characteristics	Performance	Harmonized Technical Specification
Shear Strength	Min 0,060 Mpa	TS EN 14509
Shear Modulus	Min. 1,5 MPa	
Compressive Strength	Min. 0,050 MPa	
Shear Stress Long Term Loading (t=1.000 hours - t=2.000 hours - t=100.000 hours)	0,020 Mpa 0,020 MPa 0,020 MPa	
Cross Panel Tensile Strength	Min. 0,035 MPa	
Cross panel Tensile Strength at Clevated Temperatures	Min. 0,035 MPa	
Bending Moment Capacity and Stiffness	Positive: min. 1 kNm/m Negative: min. 1 kNm/m	
Wrinkling Strength	Positive: min. 75 MPa Negative: min.75 MPa	
bending Moment Capacity Over a Central Support	Positive: min. 1 kNm/m Negative: min. 1 kNm/m	
Wrinkling Stress Over a Central Support	Positive: min. 75 MPa Negative: min. 75 MPa	
Reaction to Fire Class	B S2 d0	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. 0,027 W/mK – Density 30(+/- 2) kg/m³

RP-5SD/RP-3SD codes for roof panel products. WP-HPD/WP-HMD/WP-SPD/WP-SMD codes for wall panel products.

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


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