



DECLARATION OF PERFORMANCE

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No: 01 – DoP – 07/04/2010

305/2011/EU Construction Products Regulation

Description of the Product	: (16 – 20 – 22 – 26) kg/m ³ 'TEKNOPOR'
Intended Use of the Construction Material According to the Relevant Harmonized Technical Specifications	: Thermal Insulation Product for Buildings
Registered Trade Name of the Manufacturer	: Teknopanel Çatı ve Cephe Panelleri Üretim San.Tic. Ve A.Ş.
Contact Address of the Manufacturer	: Mersin Tarsus OSB 7. Cad. No:10, 33443, Akdeniz, MERSİN
System or System of the Construction Product	: System 3

The construction product, which is in compliance with the harmonized standart TS EN 13163:2012+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 / 1020. In conclusion, declaration of performance has been executed under hand and seal based on the experimental report which is 1020-CPD-010026120.

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Declared Performance :

Essential Characteristic (Teknopor Type 16)	Performance	Harmonized Technical Specification
Thickness	T2	TS EN 823
Pressure Stress (under %10 deformation)	CS(10)80	TS EN 826
Thermal Conductivity	Mak. 0,038 W/mK	TS EN 12667
Reaction to Fire Class	E	TS EN 13501-1
Long-term Water Absorption Determination by Immersion Method	WL(T)3	TS EN 12087

Essential Characteristic (Teknopor Type 20)	Performance	Harmonized Technical Specification
Thickness	T2	TS EN 823
Pressure Stress (under %10 deformation)	CS(10)100	TS EN 826
Thermal Conductivity	Mak. 0,035 W/mK	TS EN 12667
Reaction to Fire Class	E	TS EN 13501-1
Long-term Water Absorption Determination by Immersion Method	WL(T)3,5	TS EN 12087

Essential Characteristic (Teknopor Type 22)	Performance	Harmonized Technical Specification
Thickness	T2	TS EN 823
Pressure Stress (under %10 deformation)	CS(10)120	TS EN 826
Thermal Conductivity	Mak. 0,035 W/mK	TS EN 12667
Reaction to Fire Class	E	TS EN 13501-1
Long-term Water Absorption Determination by Immersion Method	WL(T)3,5	TS EN 12087

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Essential Characteristic (Teknopor Type 26)	Performance	Harmonized Technical Specification
Thickness	T2	TS EN 823
Pressure Stress (under %10 deformation)	CS(10)150	TS EN 826
Thermal Conductivity	Mak. 0,034 W/mK	TS EN 12667
Reaction to Fire Class	E	TS EN 13501-1
Long-term Water Absorption Determination by Immersion Method	WL(T)4	TS EN 12087

Thermal Resistance :

		Thickness (mm)								R value m ² K/W
		20	30	40	50	60	70	80	90	
Density kg /m ³	16	0,5	0,75	1,05	1,3	1,55	1,8	2,1	2,35	2,6
	20	0,55	0,85	1,1	1,4	1,7	1,95	2,25	2,55	2,85
	22	0,55	0,85	1,1	1,4	1,7	1,95	2,25	2,55	2,85
	26	0,55	0,85	1,15	1,45	1,75	2,05	2,35	2,6	2,9

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

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