POINTWOOL®
LAST POINT FOR INSULATION

TECHNICAL DATA SHEET (TDS)

POINT INDUSTRY MATTRESS WITH WIREMESH

Product Name:	INDUSTRY MATTRESS WITH WIREMESH

TECHNICAL CHARACTERISTICS	SYMBOL	UNIT	TOLERANCES	Thermal insulation products for building equipment and industrial installations - Factory made mineral wool (MW)	TECHNICAL METHOD TS EN 14303
Density	d	kg/m³	(+,-)% 10	125	TS EN 1602
Length	l	mm	(+,-) %2	8000	TS EN 822
Width	b	mm	(+,-) %1,5	1200	TS EN 822
Determination of Dimensional Stability	DS (T+)	mm	%	<1	TS EN 1604
Thickness	d_N	mm	(- 5, +)	30	TS EN 823
Thermal Conductivity					
Average Thermal Conductivity Value (50 C^0)	λort	W/mK	50 C^0	0,038	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (100 C0)	λort	W/mK	100 C^0	0,049	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (150 C0)	λort	W/mK	150 C^0	0,058	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (200 C0)	λort	W/mK	200 C^0	0,068	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (250 C0)	λort	W/mK	250 C^0	0,083	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (300 C0)	λort	W/mK	300 C^0	0,097	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (350 C0)	λort	W/mK	350 C^0	0,115	TS EN 12667- EN ISO8497
Reaction to fire	Euroclass			A1	TS EN 13501-1
Max. Usage Temperature				Max. 760	
Melting Point		°C		Max. 1000	DIN 4102
Water Vapor Diffusion Resistance Coefficient	μ		1	1	TS EN 12086
Short Term Water Absorption	W_P	kg/m²	< 1	< 1	TS EN 1609
Long Term Water Absorption	W_{IP}	kg/m²	< 3	< 3	TS EN 12087
Corrosive metarial content	mg/kg			clorür:20 / pH:10	EN13468
Air flow resistance	NPD				EN29053
Certificates	CE (SERT.NO:1020-CPD-010028090) ,ISO 9001,ISO 14001,ISO 18001,ISO 50001				
Product Key	MW-TS EN 13162-T5-DS(T+)				
Facing	Galvanized wire mesh				

STORAGE

*Care should be taken to avoid rain and water.

*It should be stored indoors and away from moisture.

*To avoid the deformation of packages, one person should not carry it.

*During transportation, products should be covered with tarpaulin.

*They should be arranged horizontally.

*Proper stacking should be done in order not to break the corners of the packages.

*Packages should not be exited.

All experiments have been carried out by TEKNOVASYON laboratory which is accredited by TÜRKAK.