CONSTRUCTION INDUSTRY SOLUTIONS

Rooflayer

Roof Insulating Mattress

durfoam

Insulation and Packaging Solutions

www.durfoam.com

DURMAZLAR HOLDİNG

Rooflayer

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MATERIAL TECHNICAL FEATURES			
Physical Features	Test Method	Units	Rooflayer
Density	ISO 845	kg/m3	300-360
Tensile Strength - transversally	ISO 1926	kPa	min 3800
Tensile Strength - longitudinally	ISO 1926	kPa	min 4500
Elongation-transversally	ISO 1926	%	min % 610
Elongation-longitudinally	ISO 1926	%	min % 700
Flammability	FMVSS 302	mm/dk	< 100
Compressive Strength def 25%	ISO 844	kPa	min 40
Compressive Strength def 50%	ISO 844	kPa	min 100
Hardness - Foam Side		Shore A	min 10
Hardness - Film Side		Shore A	min 70
Methods for exposure to liquid chemicals, including water (28 day/23°C)	TS EN 1847	Passed	Passed
Water absorption	ISO 7214	g/cm3	< 0,002
Oxygen permeability coefficient (25°C (Px10^10)		[cm3.cm]/ [cm2.s(cmHg)]	2,2
Moisture permeability coefficient (25°C (Px10^10)		[cm3.cm]/ [cm2.s(cmHg)]	68
Utilisation temperature		°C	-40 +100
Dimensional Stability-transversally (6 hours 100 °C)		%	≤ 1
Dimensional Stability-longitudinally (6 hours 100 °C)		%	≤ 1

100 m² only 90 kg !

With its double layer innovative structure, Rooflayer provides water, heat and sound insulation in a single application. Compared to the conventional materials, Rooflayer enables much easier application and is more robust and durable..

- *It is a double layer thermoplastic material containing high and low density layers which provides water, heat and sound insulation.*
- *The high density layer provides excellent protection against water and harsh environment conditions*
- *The low density layer has a heat conductivity of 0.037 W/mK and provides best in class heat insulation*
- *With its lightweight structure, it provides high labor efficiency and helps reduce the total load on the roof structure.*
- *It can be assembled with simple conventional tools like nails, screws, etc. and does not require any chemical bonders or flame/heating tools.*

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