

## TEXSALON MAT FB

Synthetic membrane made of modified polyolefin TPO obtained through co-extrusion, dimensionally stabilized by fiber glass and adhered to the upper sheet with non-woven polyester felt.

The upper sand grey layer is highly weather-resistant and resistant to UV rays.

### ADVANTAGES

- Dimensional stability
- Wind-up lift resistance
- Mechanical resistance and puncturing resistance
- Adapts to structural movements.



### APPLICATION

#### ROOFS

- Full adherence to horizontal surfaces:
  - Adhered to insulation boards
  - Adhered to concrete supports
  - Adhered to existing coverings

## Synthetic Waterproofing TPO

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

## PACKAGING AND STORAGE

	TEXSALON MAT FB 1.2	TEXSALON MAT FB 1.5	TEXSALON MAT FB 1.8	TEXSALON MAT FB 2.0
Roll length (m)	25	20	20	20
Roll width (m)	2.10	2.10	2.10	2.10
m2/roll	52.5	42	42	42
m2/pallet	1207.5	966	756	756
Upper layer colour	light grey	light grey	light grey	light grey
Underside layer colour	Black	Black	Black	Black

Storage: Horizontally, parallel (never crossed) Store in the original packaging in a dry and cool place

## TECHNICAL PROPERTIES

PROPERTIES	Unit	Test Method	TEXSALON MAT FB 1.2	TEXSALON MAT FB 1.5	TEXSALON MAT FB 1.8	TEXSALON MAT FB 2.0
Thickness	mm	EN 1849-2	1.2	1.5	1.8	2.0
Weight	Kg/m <sup>2</sup>	EN 1849-2	1.35	1.70	2.00	2.15
Tensile strength	N/ 5cm	EN 12311-2	≥ 550	≥ 650	≥ 800	≥ 850
Elongation to break	%	EN 12311-2	≥ 350	≥ 350	≥ 350	≥ 350
Tear resistance	N	EN 12310-2	≥ 200	≥ 250	≥ 300	≥ 340
Resistance to impact	mm	EN 12691	≥ 450	≥ 800	≥ 900	≥ 1250
Cold bending	°C	EN 495-5	≤ - 40	≤ - 40	≤ - 40	≤ - 40
Hydrostatic pressure resistance ( 6 hours at 0.5 Mpa)		EN 1928 (B)	Waterproofing	Waterproofing	Waterproofing	Waterproofing
Dimensional stability	%	EN 1107-2	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1
Resistance to artificial weathering	U.V.	EN 1297	No surface cracking	No surface cracking	No surface cracking	No surface cracking
Resistance to root penetration		UNE 13948	No penetration	No penetration	No penetration	No penetration
Resistance to static punching	kg	EN 12730 (B)	≥ 20	≥ 20	≥ 20	≥ 20

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