

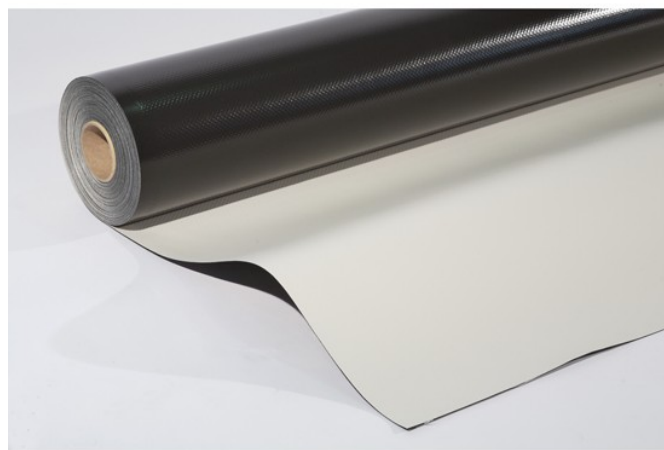
TEXSALON MAT

TEXSALON MAT is a synthetic membrane manufactured in TPO modified polyolefin, double colour sandgrey/ black, obtained by co-extrusion, dimensionally stabilized by a glass fiber.

The upper sand grey layer is featured by a very high resistance to weather and UV rays, while the underlying black layer is punching resistant.

ADVANTAGES

- Weatherproof and UV resistance
- Dimensional stability
- Mechanical resistance and resistance to punching
- Adaptability to structural movements
- Excellent flexibility at low temperatures
- Excellent welding capacity
- Membrane with high environmental compliance



APPLICATION

TEXSALON MAT is used for roof waterproofing:

- Movable ballasting
- Fixed ballasting
- Green roofs
- Roof gardens
- Vertical finishing, junction bands

REGULATIONS

- Quality Management System according to the requirements of ISO 9001:2008 standard and environmental management system ISO 14001.
- Complies with standard EN 13956. Certificate CE nº 1085/CPR/0263.

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 1.2	TEXSALON MAT 1.5	TEXSALON MAT 1.8	TEXSALON MAT 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 1.2	TEXSALON MAT 1.5	TEXSALON MAT 1.8	TEXSALON MAT 2.0
Thickness	mm	EN 1849-2	1.2	1.5	1.8	2.0
Weight	Kg/m2	EN 1849-2	1.15	1.40	1.68	1.85
Tensile strength	N/mm ²	EN 12311-2	≥ 9.0	≥ 9.0	≥ 9.0	≥ 9.0
Elongation to break	%	EN 12311-2	≥ 550	≥ 550	≥ 550	≥ 550
Tear resistance	N	EN 12310-2	≥ 130	≥ 165	≥ 195	≥ 220
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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