



URDIN MAT FB



SINTEC

your waterproofing partner

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DESCRIPTION

URDIN MAT FB is a flexible PVC-P membrane dimensionally stabilized with a glass fiber mesh and coupled on the back sheet with a 200 gr. non-woven polyester mesh Bitumen resistant. UV resistant. Manufactured under EN 13956 Standards.

USE

URDIN MAT FB is suitable for roof waterproofing, totally adhered on horizontal surfaces on insulation panels, concrete ceilings or on existing waterproofing coverings.

PROPERTIES

- Membrane made exclusively from virgin resins.
- Extremely long-lasting.
- High level of waterproofing even under permanent deformation.
- Highly puncture resistant.
- Bitumen resistant.
- Root resistant according to EN 13948.
- Excellent stability under UV radiation.
- Excellent dimensional stability.
- Excellent mechanical properties.
- Easily welded using hot air, even several years after installation.
- Can be recycled.
- Excellent flexibility at low temperatures.

INSTALLATION

- URDIN MAT FB waterproofing systems must be installed by experienced and qualified personnel.
- Surfaces must be clean and dry and free from sharp obtrusions. The membrane can be used on bitumen, asphalt, oil and tar surfaces and polyurethane and polystyrene isolation.
- Membrane joints should be made using a hot air welder and should be checked by running a flat headed punch along the whole of the seam.
- Before starting welding adjust the parameters for speed and temperature according to the ambient conditions and the surfaces of the membrane.

PACKAGING AND STORAGE

Colour	Light Grey / Dark Grey
Dimensions	1,60 x 20m
Rolls / pallet	17 / 23 / 18, depending on thickness
Storage	Horizontally and in parallel (never crossed)

Supplied in rolls on cardboard tubing.
Store in the original packaging in a dry and cool place.

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CHARACTERISTICS	NORMS	UNITS	VALUES			
PVC membrane Thickness (-5%/+10%)	EN 1849-2	mm	1,2	1,5	1,8	2,0
Weight (-5%/+10%)	EN 1849-2	kg	1,70	2,00	2,35	2,60
Dimensional Stability	EN 1107-2	%	≤ 0,1			
Tensile Strength	EN 12311-2	N/mm ²	≥ 650	≥ 700	≥ 800	≥ 900
Elongation	EN 12311-2	%	L, T ≥ 80			
Tear Strength	EN 12310-2	N	≥ 150	≥ 170	≥ 180	≥ 200
Tear Strength	EN 12310-1	N	L ≥ 400, T ≥ 300			
Foldability at low temperature	EN 495-5	°C	≤ -25			
Joint Peel Strength	EN 12316-2	N/50mm	L, T ≥ 200			
Joint Shear Strength	EN 12317-2	N/50mm	> 520	> 560	> 640	> 720
Hydrostatic Pressure Resistance, 6h at 0,5 MPa	EN 1928 (B)	-	Waterproof			
Resistance to Static Punching	EN 12730	Kg	≥ 20			
Rection to Fire	EN 13501-1	-	E			
Impact Resistance	EN 12691 (A)	mm	≥ 450	≥ 800	≥ 900	≥ 1250
Exposure to UV radiation, elevated temperature and water (5000h)	EN 1297	-	Resistant, grade 0			
Root Resistance	EN 13948	-	No penetration			