



URDIN MAT



SINTEC

your waterproofing partner

P.I. Jundiz, C/Arroxeta, P3-4C

01015 – Vitoria (SPAIN)

Tfn: (+34) 945 244 762

Fax: (+34) 945 200 456

info@sintecproof.com

www.sintecproof.com

**W
UC**

Ukrainian Center
of Waterproofing

DESCRIPTION

URDIN MAT is a flexible PVC-P membrane dimensionally stabilized with a glass fiber mesh. Not compatible with asphalt. UV resistant. Manufactured under EN 13956 Standards.

USE

URDIN MAT is suitable for roof waterproofing, ballasted with fixed and mobile ballast (pedestrian roofing, non-accessible roofing, green roofs and roof gardens), or in vertical finishing and junction bands.

PROPERTIES

- Extremely long-lasting.
- High level of waterproofing even under permanent deformation.
- Highly puncture 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 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 by using a suitable geotextile as a separating layer.
- 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.

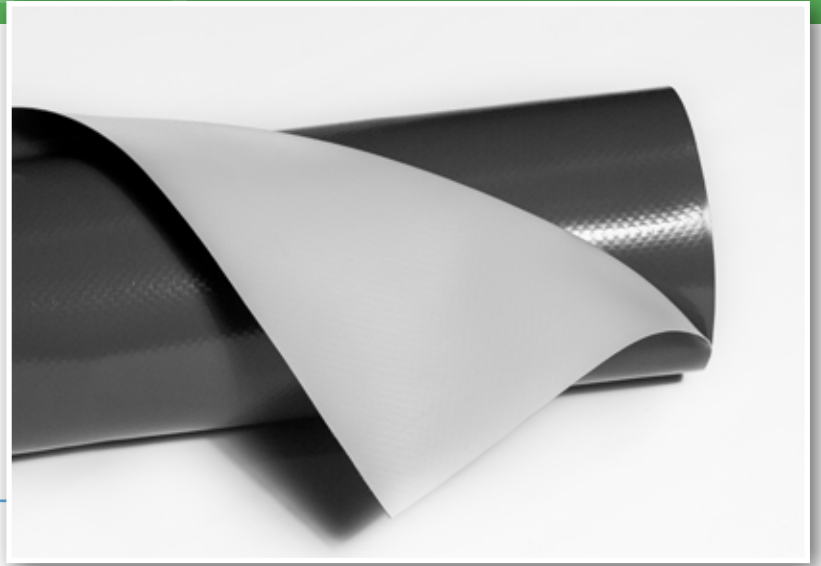
PACKAGING AND STORAGE

Colour	Light Grey / Dark Grey
Dimensions	2,10 / 1,60 x 20m
Rolls / pallet	17 / 23 / 18, depending on width and 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.

URDIN MAT



URDIN MAT

CHARACTERISTICS	NORMS	UNITS	VALUES			
Thickness (-5%/+10%)	EN 1849-2	mm	1,2	1,5	1,8	2,0
Weight (-5%/+10%)	EN 1849-2	kg	1,50	1,80	2,15	2,40
Dimensional Stability	EN 1107-2	%	≤ 0,1			
Tensile Strength	EN 12311-2 (B)	N/mm ²	L, T ≥ 9			
Elongation	EN 12311-2 (B)	%	L, T ≥ 200			
Tear Strength	EN 12310-2	N	≥ 110	≥ 135	≥ 160	≥ 170
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	> 430	> 540	> 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			

ТОВ «УКРАЇНСЬКИЙ ЦЕНТР ГІДРОІЗОЛЯЦІЇ»
www.ucw.kiev.ua www.ucw.com.ua www.aquaproof.com.ua
boss.ucw@gmail.com +38 (068) 100-9-888