



## URDIN SPR



# SINTEC

*your waterproofing partner*

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## DESCRIPTION

URDIN SPR is a flexible PVC-P membrane reinforced with a polyester net. Free of metals. Not compatible with asphalt. UV resistant. Manufactured under EN 13956 Standards.

## USE

URDIN SPR is suitable for swimming pools waterproofing, mechanical fixation, both in a new, or refurbishment of an existing one.

## PROPERTIES

- Low migration plasticisers.
- Excellent stability under a high temperature range.
- Anti UV protection, which guarantees a long product life.
- Colour stabilization, in order to avoid drastic modifications.
- Anti-Fungus Treatment: all our membranes have an anti-fungus treatment in the formula, which guarantees its effect in the whole product life.
- Excellent mechanical properties.
- Easily welded using hot air, even several years after installation.
- Can be recycled.

## INSTALLATION

- URDIN SPR waterproofing systems must be installed by experienced and qualified personnel. Material can be extended at temperatures of minimum 0°C, we strongly recommend the installation at a minimum temperature of +10°C.
- 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 joins 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	Several
Dimensions	1,60 x 25m (40 m2 /roll)
Rolls / pallet	12
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 SPR

CHARACTERISTICS	NORMS	UNITS	VALUES
Thickness	EN 1849-2	mm	1,5 (±5)%
Elongation	EN 12311-2	mm	≥ 15
Tensile Resistance	EN 12311-2	N/mm <sup>2</sup>	≥ 22
Tear Strength	EN 12310-2	N	≥ 200
Static Punching Resistance	EN 12730-B	Kg	≥ 20
Joint Peel Strength	EN 12316-2	N/ 50mm	≥200
Joint Shear Strength	EN 12317-2	N/ 50mm	L,T≥ 1000
Exposure to UV radiation, elevated temperature and water	EN 1297	Loss weight	Pass
Foldability at low temperature	EN 495-5	°C	No cracks
Dimensional Stability after 6h at 80°C	EN 1107-2	%	≤ 0,5
Resistance to micro-organisms	ASTM G 21-90		No grown
Hydrostatic Pressure Resistance, 6h at 0,5 MPa	EN 1928-B		Watertight
Hail Resistance	EN 13583	mm	≥ 23