

GUAINA WATERPROOF



DESCRIPTION:

Self-adhesive sheath composed of an elastomer-bitumen compound coupled with a protective film in high density polyethylene (HDPE) in a double crossed layer (CROSS LAMINATED).

MAIN APPLICATIONS:

Suitable for waterproofing terraces, foundations, walls, lining of poles to be buried. It also has an anti-root function. Due to its peculiarities it is an ideal product as the only coating for underground steel pipes.

EXCELLENT ADHESION:

The characteristic rubber-bitumen compound guarantees excellent adhesion to most surfaces used in the construction world. On cementitious surfaces it is advisable to apply one or more coats of adhesive primer and then perform the installation taking care to puncture any air pockets. The sheath is also self-limiting within certain limits. On clean metal surfaces or other materials as long as they are smooth, it does not need a primer. The overlaps both longitudinal and at the end of the rolls are always safe and avoid any leakage.

RESISTANT:

The cross high-density polyethylene film, with its known mechanical strength, combines a marked flexibility and moldability that gives the product a very high versatility of use.

NO WARM-UP NEEDED:

The self-adhesiveness of the compound makes its application extremely easy, without the use of flame or any heat generator, or primer if the surface is sufficiently clean.

TECHNICAL DATASHEET:

PROPERTY	TRIAL METHOD	VALUES
Traction resistance	ASTM D 638	Long. 47 N/mm ² Trasv. 186 N/mm ²
Film stretching	ASTM D 638	Long. 160 Trasv. 110
Compound stretching	ASTM D 638	1250 %
Tearing resistance	ASTM D 1004	Long. 353 N/mm Trasv. 346 N/mm
Adhesion to concrete with primer	ASTM D 1000	2,08 N/mm
Self adhesion	ASTM D 1000	2,2 N/mm
Steel adhesion	ASTM D 1000	2,2 N/mm
Punching resistance	ASTM D 154	297 N 65 mm
Impact resistance	ASTM G 13	> 5 N. cadute
Traction resistance	ASTM D 638	38 N/mm
Environment resistance	ASTM D 543	good
Vapor permeability	ASTM E 96	0,06 g/m ² /24h



Stretching
Working temperature
Dielectric strenght
Thickness
Resistivity (double layer)

140 %
-20 °C ÷ +75 °C
> 30 Kv
1,5 mm
 $2,3 \times 10^{13}$ Ohms/cm

Rolls dimension H 100 cm x 10 mt.



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FACOT CHEMICALS Srl -Via Crema 44, 26010 Capralba CR, Italy -Tel. +39 0373450642 - info@facot.it - www.facotchemicals.com



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