

Product Technical Information

ITA/ATEXP/614

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TERANAP 631 TP 4M

DEFINITION

TERANAP 631 TP is a large width waterproofing geomembrane with SBS elastomeric bitumen for civil engineering, environmental protection and hydraulic applications. It is manufactured with a special blend and a special reinforcement that guarantees waterproofing, chemical resistance and ageing behaviour.

This allows the membrane to have superior physical properties (see characteristics table).

SCOPE OF APPLICATION

High performance reinforced waterproofing geomembrane manufactured with SBS elastomeric bitumen.

This product is used for :

- Tanking systems (basements, tunnels, ...).
- Hydraulic jobs (ie : dams, canals, irrigation jobs, fish breeding basins, entertainment basins, fire protection reservoirs, drinkable water storage (closed tanks, watertanks, etc..)).
- environmental protection sites (i.e : road, industrial or agriculture basins, sewage (cleaning, decanting, spreading sites) technical burying centers, refuse dumps coverings).

DESCRIPTION

Surface	Sand
Reinforcement	Nonwoven polyester + glass mat 50g/m ²
Compound	SBS elastomeric bitumen
Under face	Anti roots plastic film

DIMENSIONAL CHARACTERISTICS

	Nominal value	Critical value
Length (m)	55	49.5
Width (m)	4	3.96
Weight/m ² (kg)	6.28	5.95
Thickness (mm)	5.6	5.3

PERFORMANCES

	Norm	Unit	Nominal values	Critical values
Stress at break	ASTM D 7275	kN/m	35 x 34	30 x 25
Elongation at break	ASTM D 7275	%	73 x 74	55 x 55
Tearing resistance	ASTM D 4073	N	1200 x 1175	950 x 800
Static puncture resistance	ASTM D 4833	N	663	600
Dimensional stability at 100°C	EN 1107-1	%	0	

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