

Protan InfraPlan P22+



Product Description:

Protan InfraPlan is a homogenous, flexible waterproofing membrane made of plasticised PVC, with a light-coloured signal layer on the top surface.

Application Areas:

Protan InfraPlan is designed for functionality and versatility and can be used for waterproofing of tunnels, underground constructions and also for the horizontal and vertical sealing of foundations basements and terraces.

Characteristics / Benefits:

- Complies with EN 13967 and EN 13491 and meets all standard requirements.
- Certified according to ÖBV, SIA and ZTV-ING/Rili guidelines.
- Homogenous material with a signal layer on the top surface.
- Not compatible with bitumen and must be protected against UV.
- The membrane is welded together using hot air which provides a homogenous joint.
- The membrane can be recycled and has a low carbon footprint.

Product properties

Characteristic	Typical value	Unit	Test method
Thickness, total	2.20 (± 5%)	mm	EN 1849-2
Thickness, signal layer	≤ 0.20	mm	EN 1849-2
Visible defects	Pass		EN 1850-2
Straightness and flatness	Pass		EN 1848-2
Tensile strength L/T	≥ 2800 /2500	N/50 mm	EN 12311-2 (A)
Elongation L/T	≥ 300/300	%	EN 12311-2 (A)
Tensile strength L/T	≥ 20/16	N/mm ²	EN 12311-2 (B)
Elongation L/T	≥ 300/300	%	EN 12311-2 (B)
Modulus of elasticity L/T	< 20/20	N/mm ²	EN 12311-2 (B)
Resistance to tearing L/T	580/480	N	EN 12310-2
Foldability low temperature	-30 (no cracks)	°C	EN 495-5
Resistance to impact	≥ 1500	mm	EN 12691
Joint shear resistance	≥ 2000	N/50 mm	EN 12317-2
Joint peel resistance	≥ 650	N/50 mm	EN 12316-2
Resistance to static puncture	3	kN	EN ISO 12236
Resistance to root penetration	No Penetration	-	CEN/TS 14416
Resistance to oxidation	≤ 20	%	EN 14575
Reaction to fire	Class E		EN 13501-1 DIN EN ISO 11925-2

PRODUCT DATA SHEET

Dimensions / packaging

Width:	2.15 m (-0.5% / +1%)	
Length:	According to order	
Roll weight:	According to order	
Pallet:	According to order	
Thickness:	2.2 mm	
Colours:	Topside: Light colours	Backside: Black

Health, Environment & Safety

There is no requirement for a material safety data sheet according to EC-regulation 1907/2006, article 31. The product does not harm the environment when used as specified.

Environment

Protan InfraPlan contains no substances which are listed on REACH/ ECHA's (European Chemicals Agency) candidate list. The membrane contains no priority environmental pollutants or other relevant substances in quantities considered to be hazardous to health and the environment.

Storage

The membrane should be kept dry with the rolls placed on pallets and protected on site with tarpaulins or similar.

Approvals:

Certified according to ÖBV, SIA and ZTV-ING/Rili guidelines.



Protan Legal Notice

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