

EUROFLEX V AT



Description

Flexible synthetic membrane in plasticized vinyl chloride (PVC-P), obtained through a co-extrusion process. Suitable for waterproofing of basins and tanks for drinking water.

Made with different colours on the two sides which allows you to identify any damage to the membrane during installation. High resistance to the attack of micro-organisms in soil, mechanical resistance. Resistance to low temperatures. Resistance to atmospheric agents and UV rays.

Non-toxic features in compliance with Italian Ministerial Decree 21/03/1973 and subsequent updates.

System certifications

QMS (Quality Management System) certification according to ISO 9001:2008.

Product certifications

Regulation CPR 305/2011/EU.

Certificate No. 1035-CPR-ES37420-1, harmonised standard EN13361-EN 13362.

Fields of application

Specific use

- Basins.
- Channels.
- Storage tanks.
- Fish farming tanks.

Application

The EUROFLEX V AT membranes are laid dry totally or partially independent with the aid of suitable fasteners and/or profiles.

The overlaps between the sheets are welded with automatic or manual hot melting.

Note: The installation must be carried out by qualified installers and approved by IMPER ITALIA srl.

Any accessories and finishing elements must be compatible and in any case manufactured or approved by Imper Italia srl.

TECHNICAL FEATURES

Features	EN Standards	U.M.	Tolerance	Values		
Thickness^(*)	EN 1849-2	mm	(-5/+5%)	1,5	1,8	2,0
Density	EN 1849-2	kg/m ²	(-5/+10%)	1,95	2,34	2,60
Cold flexibility	EN 495-5	°C		<-35°		
Tensile strength	ISO R 527	N/mm ²		≥17		
Elongation at break	ISO R 527	%		≥ 300		
Water impermeability (24 h at 1 MPa)	EN 1928			No leaks		
Resistance to impact	EN 12691	mm		≥750	≥800	≥1000
Resistance to static loading	EN 12236	kN		2,5	2,8	3,0
Microbiological resistance	EN 12225			Compliant		
Resistance to roots	UNI CEN/TS 14416			No penetration		
Suitable for contact with drinking water	Italian Ministerial Decree 21 March 1973 and subsequent updates			Compliant		
Durability						
• Resistance to artificial UV light	EN 12224 (5000 h)			No surface cracks or significant variations of mechanical features		

PRODUCTION STANDARDS

Thickness^(*)	mm	1,5	1,8	2,0
Width	m	2,10	2,10	2,10
Length^(*)	m	25	20	20
Colour		Blue / Black		

^(*) Different thicknesses and lengths are available on demand and for minimum quantities.

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