

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 certification according to ISO 9001:2008.

Product certifications

Regulation CPR 305/2011/EU.

Certificate No. 1370-CPR-1210, 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 welding.

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
Mass per unit area	EN 1849-2	kg/m ²	(-5/+10%)	2,00	2,40	2,66
Cold flexibility	EN 495-5	°C	≤	-25		
Tensile strength	ISO R 527	N/mm ²	± 2	17		
Elongation at break	ISO R 527	%	± 10	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 12730 EN 12236	kg kN	≥ ± 0,25	20 2,5	20 2,8	20 3,0
Tear strenght	EN 12310/2	N/mm	≥	100		
Joints strength	EN 12317/2			Break outside the joint		
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		
Resistance to oxidation	EN 14575	-	-	Pass the test		
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.

(**) Also available in other color versions of the visible face.

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