

EUROFLEX V CRY**Description**

Flexible synthetic membrane in plasticized vinyl chloride (PVC-P), obtained through a co-extrusion process. Single layer membrane in translucent version. Featuring high resistance to attack of micro-organisms in soil, mechanical resistance, transparency which, aside from highlighting the formulation purity, allows inspection of the substrate and of the welds.

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 EN13491.

Certificate No. 1370-CPR-0101, harmonised standard EN13967.

Fields of application**Specific use**

The EUROFLEX V CRY membrane is suitable for the realisation of synthetic waterproofing systems for underground structures:

- foundations;
- retaining walls;
- natural and artificial tunnels.

Application

The EUROFLEX V CRY membranes are laid dry totally or partially independent by welding on PVC fastening disks. 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	2,0	3,0
Density	EN 1849-2	kg/m ²	(-5/+10%)	1,83	2,44	3,66
Cold flexibility	EN 495-5	°C		<-35°		
Tensile strength	EN 12311-2	N/mm ²		≥17		
Elongation at break	EN 12311-2	%		≥300		
Water impermeability (24 h at 1 MPa)	EN 1928			No leaks		
Resistance to impact	EN 12691	mm		≥750	≥800	≥1800
Resistance to static loading	EN 12730 EN 12236	kN		20 3,0	20 4,0	20 6,0
Microbiological resistance	EN 12225			Compliant		
Resistance to roots	UNI CEN/TS 14416			No penetration		
Light transmittance	UNI 8028	%		>70		

PRODUCTION STANDARDS

Thickness ^(*)	mm	1,5	2,0	3,0
Width	m	2,10	2,10	2,10
Length ^(*)	m	25	20	20
Colour		Light grey / Black		

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

Rev. 00 (11-15)

As IMPER ITALIA srl has no control over how or where its products are supplied (e.g., over substrates, service conditions, or compliance with instructions), the company cannot accept any liability arising from the use of its product or the results obtained. IMPER ITALIA srl pursues a policy of continuous product improvement. As a result, the company reserves the right to make any necessary changes to the information contained in this publication at any time and without notice.

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification



Imper Italia srl Via Volta, 8 · 10071
Frazione Mappano · Borgaro (TO) Italy
Tel (+39) 011 222.54.99 · Fax (+39) 011 222.54.80
export@imper.it · www.imper.it