

## EUROFLEX V CRY



## Description

Flexible synthetic membrane in plasticized vinyl chloride (PVC-P), obtained through a co-extrusion process, single layer, 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 certification according to ISO 9001:2008.

## Product certifications

Regulation CPR 305/2011/EU.

Certificate No. 1370-CPR-1210, 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. Any accessories and finishing elements must be compatible and in any case manufactured or approved by Imper Italia.

## TECHNICAL FEATURES

Features	EN Standards	U.M.	Tolerance	Values		
Thickness	EN 1849-2	mm	(-5/+10%)	1,5	2,0	3,0
Mass per unit area	EN 1849-2	kg/m <sup>2</sup>	(-5/+10%)	1,83	2,44	3,66
Cold flexibility	EN 495-5	°C	≤	-25		
Tensile strength	EN 12311-2	N/mm <sup>2</sup>	± 2	17		
Elongation at break	EN 12311-2	%	± 10	300		
Water impermeability (24 h at 1 MPa)	EN 1928		-	No leaks		
Resistance to impact	EN 12691	mm	≥	750	1000	1800
Resistance to static loading	EN 12730 EN 12236	kN	≥ ± 0,25	20 3,0	20 4,0	20 6,0
Microbiological resistance	EN 12225	-	-	Compliant		
Resistance to roots	UNI CEN/TS 14416	-	-	pass the test		
Light transmittance	EN 410	%	≥	70		
Tear resistance	EN 12310/2	N/mm	≥	100		
Resistance of joints	EN 12317/2	N/5cm	-	break outside of the joint		
Resistance to oxidation	EN 14575	-	-	pass the test		
Thermal ageing	EN 1296	-	-	pass the test		
Reaction to fire	EN 13501-1	Euroclass	-	E (*)		

(\*) Internal report

## PRODUCTION STANDARDS

Thickness (**)	mm	1,5	2,0	3,0
Width	m	2,10	2,10	2,10
Length (**)	m	25	20	20
Colour		Translucent		

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

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Considerando le diverse situazioni d'impiego dei prodotti e l'intervento di fattori da noi non dipendenti (supporti, condizioni di esercizio, in osservanza delle prescrizioni, ecc.), non è possibile alla IMPER ITALIA srl assumere responsabilità in merito ai risultati ottenuti. Il progresso unito alla costante ricerca dei massimi livelli prestazionali possono apportare - nel tempo - modificazioni alle informazioni contenute in questo stampato, senza che la IMPER ITALIA srl debba darne preavviso a tutti gli interessati.



**Imper Italia srl** - Via Rita Atria, 8  
10079 Mappano (TO) Italy  
Tel (+39) 011 222.54.99  
imper@imper.it • www.imper.it