

ECOFITEC



ECOFITEC PPS

System for the mechanical protection of buried and above ground pipes. The composition of the material, polyester reinforced with fibre glass, and its cold application ensure an ecological product, i.e. environmentally friendly and obtaining excellent results in the most demanding conditions.

Cold Applied Mechanical Protection

DESCRIPTION

System formed by two elements, Polyester reinforced with Fibre Glass and adhesive tape. It is specifically designed for applications at jobsite or mil, in a new line construction or for reconditioning existing metallic pipes.

Specially designed for horizontal directional drillings (HDD), it is applied over the pipe's main coat, providing excellent mechanical protection. Easy to apply, the fibre glass cures with sunlight, acquiring extreme hardness a few hours after being applied. ECOFITEC is compatible with existing coatings (PE,PP,FBE,PU).



TECHNICAL CHARACTERISTICS	UNIT	VALUE	TEST
Volumetric Weight	Kg/m ³	1805	DIN 53479
Tensile Strength	N/mm ²	55,7	DIN 53455
Elongation at Break	%	1,1	DIN 53455
Resistance to Impact	KJ/m ²	57,5	DIN 53453
Fibre Content	Peso %	20	DIN 53479
Volume Shrinkage	%	0,15	DIN 53464
Hardness	Barcol	60	
Vapourability	Mg/100 u.	0,34	DIN 53495
Insulation Resistance	Ω	3,2x10 ⁴	
Styrene Emission	PPM	<20	
Application Temperature	°C	>5	
Max Service Temperature	°C	≤ 100	

DIMENSIONS AND WEIGHTS	
Thickness	1,8/2 mm
Roll Length	10 m
Roll Width	1000 mm
Weight	3 Kg/m ²
Total Weight	± 31 Kg
(These values could vary slightly)	