



TOP  
WATERPROOFING

# MULTICOLOR

## PLASTOMERIC BITUMINOUS MEMBRANE BPP UNDER TILE

# Technical data sheet

REINFORCEMENT	NON WOVEN POLYESTER FABRIC
COMPOUND	BITUMEN – PLASTOMER BPP
FINISHING	MULTICOLOR: NATURAL SLATE
APPLICATION METHOD	FLAME WELDING
<u>DESTINATION OF USE</u>	
MULTICOLOR	EN 13707 WATERPROOFING SYSTEM MULTILAYER: FINISHING LAYER EN 13859-1 WATERPROOFING SYSTEM: UNDER TILE
FPC CODE	GB14/92056



### Description

Monoreinforced waterproofing membrane made up of a compound based on distilled bitumen modified with plastomeric polymers reinforced with non woven polyester fabric. Reinforcement and special compounds ensuring high workability and good mechanical properties. The upper surface of the membrane is self-protected with mixed colour natural slate flakes.

### Fields of application

Suitable for waterproofing civil and industrial coverings used as an under tile layer.

### Stratigraphy

1. Polypropylene film
2. Compound SBS
3. Non woven polyester fabric reinforcement
4. Compound SBS
5. Finishing: Multicolor Slated





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Review 0.1  
01.03.2016

### Technical Features

Parameter	MULTICOLOR	Unit of measure	Tolerance	Regulations
VISIBLE DEFECTS	Exceeds	Visual	-	EN 1850-1
LENGTH	10	m	-1 %	EN 1848-1
WIDTH	1	m	-1 %	EN 1848-1
STRAIGHTNESS	Exceeds < 20mm/10m	-	-	EN 1848-1
MASS PER UNIT AREA	3,5-4-4,5	Kg/m <sup>2</sup>	- 10 %	EN 1849-1
THICKNESS	NPD	mm	- 0,2	EN 1849-1
WATERTIGHTNESS	Exceeds > 60	kPa	-	EN 1928:2000
WATERTIGHTNESS AFTER STRETCHING	NPD	%	-	EN 13897
EXTERNAL FIRE PERFORMANCE	F ROOF	-	-	EN 13501-5
REACTION TO FIRE	F	Classe	-	EN 13501-1
TENSILE PROPERTIES				
MAXIMUM LOAD AT BREAK				
Longitudinal	400	N/50 mm	- 20 %	EN 12311-1
Transversal	300		- 20 %	
ELONGATION AT BREAK				
Longitudinal	35	%	- 15 in ass.	EN 12311-1
Transversal	35		- 15 in ass.	
RESISTANCE TO TEARING (nail method)				
Longitudinal	120	N	- 30 %	EN 12310-1
Transversal	120		- 30 %	
RESISTANCE TO IMPACT	NPD	mm	≥	EN 12691
RESISTANCE TO STATING LOADING	NPD	Kg	≥	EN 12730-1
COLD FLEXIBILITY	-5	°C	≤	EN 1109
FLOW RESISTANCE AT ELEVATED TEMPERATURE	120	°C	≥	EN 1110
DIMENSIONAL STABILITY	0,3	%	≤	EN 1107-1
FORM STABILITY UNDER CYCLIC TEMPERATURE CHANGE	NPD	mm	-	EN 1108
ARTIFICIAL AGEING BEHAVIOUR (FLOW RESISTANCE)	NPD	ΔT °C	-	EN 1296
ARTIFICIAL AGEING BEHAVIOUR (VISIBLE DEFECTS)	NPD	-	-	EN 1297
ADHESION OF GRANULES	< 30	%	- 5 in ass.	EN 12039
WATER VAPOUR PROPERTIES	NPD	μ	-	EN 1931
RESISTANCE TO ROOTS	NPD	-	-	EN 13948
PEEL RESISTANCE	NPD	N/50 mm	-	EN 12316-1
SHEAR RESISTANCE	NPD	N/50 mm	-	EN 12317-1

**Note:** NPD = No Performance Declared according to the EU Directive on Construction Products

It is impossible to ensure uniformity of color of slated products, because the only slate manufacturer makes no warranty about. All self-protected products with slate chippings undergo color changes over time as a function of exposure to atmospheric agents. These color variations tend to conform gradually.  
AVAILABLE COLOURS OF SLATE: Natural Gray (Standard), Red, Green, White



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#### Packaging

PRODUCT	THICKNESS (mm)	WEIGHT (Kg/m <sup>2</sup> )	ROLL DIMENSIONS (m)
MULTICOLOR	-	3,5-4-4,5	1x10

Rolls packed on wooden pallets, wrapped with polyethylene heat-shrinkable caps.

#### Warnings

Store vertically, protecting them from atmospheric agents and from too high or too rigid temperatures.

Avoid overlapping rolls and pallets.

The contact with solvents and organic fluids can damage the product.

The application surface should be smooth, dry and clean.

The application surface must be previously treated with a suitable bituminous primer, VELQUA, VELABASE or VELAFONDO GRIPERM to eliminate dust and enhance the adhesion of the membrane. The application surface must not have depressions, to avoid stagnation of rain water and must have a sufficient slope to ensure the smooth flow of precipitation (min 1.5%). In the case of applications in vertical development exceeding 2 m or media in strong slope surfaces apply suitable mechanical fasteners in the head of the cloth, then sealed with the junction of the head.

Apply the product at temperature higher than +5°C.

The installation should be discontinued in case of adverse weather conditions (high humidity, rain, etc.).

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