



TOP
WATERPROOFING

KATAK - SLATED KATAK

SELF-ADHESIVE BITUMINOUS MEMBRANE
U.V. RESISTANT

Technical data sheet

REINFORCEMENT	NON WOVEN POLYESTER FABRIC
COMPOUND	BITUMEN – BI-COMPOUND
FINISHING	KATAK: POLYETHYLENE FILM; SLATED KATAK: NATURAL SLATE
APPLICATION METHOD	SELF-ADHESIVE
<u>DESTINATION OF USE</u>	
SLATED KATAK	EN 13707 WATERPROOFING SYSTEM MULTILAYER: FINISHING LAYER EN 13859-1 WATERPROOFING SYSTEM: UNDER TILE
KATAK	EN 13707 WATERPROOFING SYSTEM MULTILAYER: FINISHING LAYER - UNDER LAYER
FPC CODE	GB14/92056



Description

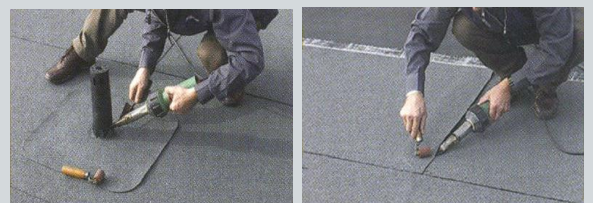
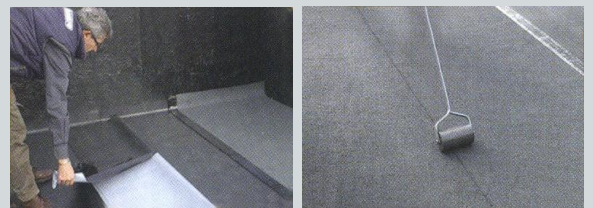
Self-adhesive bituminous membrane of excellent quality made up of a special elastomeric compound (BPE) reinforced with non woven polyester fabric. Adhesion treatments ensure excellent adhesion even in difficult situations, while the reinforcement provides excellent dimensional stability, mechanical performance and on-site workability. Products available in a polished version cannot be exposed to UV rays. The product can be supplied either polished (polyethylene finishing) or self-protected with slate flakes.

Fields of application

Suitable for all types of coverings and especially for thermal insulation materials such as polyurethane foam, extruded polystyrene foam or wooden coverings and used instead of flame application of waterproofing membranes.

Stratigraphy

1. Polypropylene film
2. Compound SBS
3. Non woven polyester fabric reinforcement
4. Compound SBS
5. Finishing:
 - A. KATAK: POLYETHYLENE FILM
 - B. SLATED KATAK: NATURAL SLATE





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Technical Features

Parameter	KATAK	SLATED KATAK	Unit of measure	Tolerance	Regulations
VISIBLE DEFECTS	Exceeds	Exceeds	Visual	-	EN 1850-1
LENGTH	15	10	m	-1 %	EN 1848-1
WIDTH	1	1	m	-1 %	EN 1848-1
STRAIGHTNESS	Exceeds < 20mm/10m	Exceeds < 20mm/10m	-	-	EN 1848-1
MASS PER UNIT AREA	NPD	3,5-4-4,5	Kg/m ²	- 10 %	EN 1849-1
THICKNESS	2	NPD	mm	- 0,2	EN 1849-1
WATERTIGHTNESS	Exceeds > 60	Exceeds > 60	kPa	-	EN 1928:2000
WATERTIGHTNESS AFTER STRETCHING	NPD	NPD	%	-	EN 13897
EXTERNAL FIRE PERFORMANCE	F ROOF	F ROOF	-	-	EN 13501-5
REACTION TO FIRE	F	F	Classe	-	EN 13501-1
TENSILE PROPERTIES					
MAXIMUM LOAD AT BREAK					
Longitudinal	400	400	N/50 mm	- 20 %	EN 12311-1
Transversal	300	300		- 20 %	
ELONGATION AT BREAK					
Longitudinal	35	35	%	- 15 in ass.	EN 12311-1
Transversal	35	35		- 15 in ass.	
RESISTANCE TO TEARING (nail method)					
Longitudinal	120	120	N	- 30 %	EN 12310-1
Transversal	120	120		- 30 %	
RESISTANCE TO IMPACT	NPD	NPD	mm	≥	EN 12691
RESISTANCE TO STATING LOADING	NPD	NPD	Kg	≥	EN 12730-1
COLD FLEXIBILITY	-20	-20	°C	≤	EN 1109
FLOW RESISTANCE AT ELEVATED TEMPERATURE	100	100	°C	≥	EN 1110
DIMENSIONAL STABILITY	0,3	0,3	%	≤	EN 1107-1
FORM STABILITY UNDER CYCLIC TEMPERATURE CHANGE	NPD	NPD	mm	-	EN 1108
ARTIFICIAL AGEING BEHAVIOUR (FLOW RESISTANCE)	NPD	NPD	ΔT °C	-	EN 1296
ARTIFICIAL AGEING BEHAVIOUR (VISIBLE DEFECTS)	NPD	NPD	-	-	EN 1297
ADHESION OF GRANULES	-	< 30	%	- 5 in ass.	EN 12039
WATER VAPOUR PROPERTIES	NPD	NPD	μ	-	EN 1931
RESISTANCE TO ROOTS	NPD	NPD	-	-	EN 13948
PEEL RESISTANCE Steel Support	50	50	N/50 mm	-	EN 12316-1
PEEL RESISTANCE AFTER AGEING Steel Support	30	30	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 ²)	ROLL DIMENSIONS (m)
KATAK	2	-	1x15
SLATED KATAK	-	3,5-4-4,5	1x15

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.).

The above-mentioned values can be subject to update or change. IIVELA S.r.l. reserves the right to modify them at any time without prior notice. For a correct use of our products, see technical specifications. For further information or any special use, please contact our technical department. Any suggestions or technical information provided represent our best knowledge regarding product characteristics and use. Considering different applications and any possible interference of elements beyond our control, the buyer must declare under his own responsibility that the product is suitable for the intended use.