



TROPICAL P - 4,5 kg Mineral



TROPICAL P MINERAL has a compound made up of distilled bitumen, elastomers and plastomers. TROPICAL P MINERAL has a support of stabilized composite non-woven polyester and has the upper finish covered with natural grey slate flakes. Other colors Red, Green and White are available upon request.

-5°



1381-CPR-392

USE

TROPICAL P MINERAL is used as a top layer or undertile

FINISH

TROPICAL P MINERAL has the upper finish covered with gray slate chips. Other colors are available on request (Red, Green and White). A 8 cm selvage is left on the side for the overlaps, covered plastic film. The lower finish coated with plastic film anti-adherent which will have to be torched.

PACKAGING

The product is packaged in rolls with a top tape indicating the product name and a bottom tape specifying the weight or thickness. The rolls are packed on pallets wrapped with a shrink film. Each roll has a label showing the CE mark, the year of affixing the marking, the registration number of the notified body, the number of the harmonized standard, the number of the DOP and its revision and the batch identification number. The rolls must be transported and stored on pallets in a vertical position, without damaging the protective film and securing the load as required by current legislation in terms of safety; during handling it is necessary to prevent the rolls from being subjected to falls or impacts of any kind. Stacking pallets is only permitted temporarily, taking care to interpose a weight distribution layer. To handle the material, do not use ropes to tie and lift loose rolls. Store the material away from heat sources and direct sunlight. If the material is stored outdoors during the summer period, it is necessary to make side cuts on the protective film in order to eliminate any condensation.

EQUIPMENT AND INSTALLATION

For installation you will need a propane gas burner with relative cylinder and safety valve, a trowel with rounded corners, a knife and a pair of gloves. Remove any roughness and inconsistent parts from the installation surface, regularize the surface of the slab and check that there are the correct slopes to ensure effective disposal of rainwater. The application of the product on insulating layers involves the stabilization and fixing of each individual insulating panel through suitable constraint systems to the underlying support. On all powdery surfaces to be waterproofed, apply a coat of VERPRIM bituminous primer, carefully following the instructions in the technical data sheet. Lay out and stagger the membrane rolls starting from the lowest area of the roof. Rewind the product and slowly unroll the membrane, heating the lower surface with the burner flame. The lateral overlaps of at least 10 cm and the head overlaps of approximately 15 cm are pressed by the operator with the metal pressure roller, from which a bead of molten compound must emerge. Do not scrape or trowel the melt.

COLOR AND FINISHES

Lower surfacing



Upper surfacing



GREY SLATE

Available colours



GREEN SLATE



RED SLATE



WHITE SLATE

CERTIFICATIONS AND NOTES



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Characteristics	Norms	Unit of measure	Test results	Tolerance
Norms	/	/	EN 13707 - EN 13859-1	/
Reinforcement type	/	/	Stabilized composite polyester.	/
Compound	/	/	BPP - Plastomer polymer bitumen	/
Upper surfacing	/	/	Slate chips	/
Lower surfacing	/	/	Film PE	/
Type of application	/	/	Top layer / Under tile	/
Method of application	/	/	Torch	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ (10 - 1%)	/
Width	EN 1848-1	m	≥ (1 - 1%)	/
Straightness	EN 1848-1	-	Pass	/
Weight	EN 1849-1	kg/m ²	4,5	± 10%
Watertightness (metodo B)	EN 1928	-	Pass	/
Resistance to water penetration	EN 1928	Class	W1	
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS E	/
Shear resistance of joint L/T	EN 12317-1	N/50 mm	350 / 250	± 20%
Tensile properties - maximum tensile strength L/T - elongation L/T	EN 12311-1	N/50 mm %	400 / 300 35 / 35	± 20% ± 15 pp
Resistance to impact (rigid support)	EN 12691	mm	700	/
Resistance to static loading (soft support)	EN 12730	kg	10	/
Resistance to tearing (nail shank) L/T	EN 12310-1	N	130 / 130	± 30%
Dimensional stability	EN 1107-1	%	≤ 0,3	/
Flexibility at low temperature	EN 1109	EN 1109	-5	/
Flow resistance at elevated temperature	EN 1110	°C	110	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	°C	100	-10
Adhesion of granules	EN 12039	Perdita %	< 30	/
Water vapour transmission properties	EN 1931	-	20000	/

"All indications contained in this technical data sheet are based on our experience and current practices and production.
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