

TECHNICAL DATA SHEET

EXTRABIT MINERAL

Compound
APP

DESCRIPTION: EXTRABIT MINERAL is a polymer-modified waterproofing membrane obtained from the modification of distilled bitumen with poly-olefin based co-polymers .
The modified compound makes EXTRABIT MINERAL an easy to apply membrane that requires low consumption of gas nad has excellent adhesion properties that ensure , when the membrane is properly installed ,very good bonding and tightness of all joints and overlaps.

CARRIER: The carrier is a composite polyester stabilised with longitudinal glass yarns that provide very good dimensional stability and prevent problems of shrinkage caused by weathering in time.

INTENDED USE

ACCORDING "CE" MARK - EXTRABIT MINERAL 5.5 Kg/ m² : top layer in multi-layer systems for roof waterproofing without heavy permanent protection finish (EN 13707)

STANDARDS: - EXTRABIT MINERAL 5.5 Kg/ m² : waterproofing layer under slates or tiles (EN 13859-1)

AVAILABLE Upper surface: Self protected with white or coloured slate flakes

SURFACE FINISHES: Lower surface: polyethylene fast burning film.

METHODS OF APPLICATION: EXTRABIT MINERAL is recommended as a cap sheet layer in multi-layer waterproofing constructions for applications without other types of protection.EXTRABIT MINERAL is also indicated for use as a waterproofing layer under slates or roof tiles.

Subject to the type of substrate EXTRABIT MINERAL shall be installed by means of a propane gas torch, approved adhesives , cold or hot , or by mechanical fixing .For correct installation refer to information provided by Copernit Technical Department.

PROPERTIES	TEST METHOD	UNIT	MINERAL	TOL
Length	EN 1848-1	m	10,0 (-1%)	≥
Width	EN 1848-1	m	1,0 (-1%)	≥
Straightness	EN 1848-1	mm	20 mm X 10 m	Max
Thickness	EN1849-1	mm	4,0	±5%
Unit weight	EN 1849-1	kg/m ²	5,5	±5%
Tensile strenght L/T (max load)	EN 12311-1	N/5 cm	750 / 600	±20%
Breaking elongation L/T	EN 12311-1	%	50 / 50	±15
Resistance to tearing L/T	EN 12310-1	N	200 / 200	±30%
Resistance to static loading	EN 12730(A)	kg	15	≥
Impact resistance	EN 12691	mm	1250	≥
Dimensional stability	EN 1107-1	%	±0,6	≤
Flexibility at low temperature	EN 1109	°C	-5	≤
Flow resistance at elevated temperature	EN 1110	°C	120	≥
Watertightness (A method)	EN 1928	kPa	60	≥
Water vapour transmission	EN 1931	μ	20,000	≥
Reaction to fire	EN 13501 -1	Class	E	--
External fire exposure behaviour	EN 13501 -5	Class	F roof	--

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