SINTOPOL EXTRA P200 MINERAL 4mm

Compound	Cold Flexibility
APP	-5°C

CHARACTERISTICS

SINTOPOL EXTRA P200 MINERAL is a polymer-modified waterproofing membrane made of distilled bitumen modified with poly-olefins and selected copolymers that make it very adhesive and flexible at low temperatures. The rich modified compound ensures ease of application, reduced consumption of gas and has excellent adhesion properties that ensure superior bonding and tightness of all joints and overlaps, making SINTOPOL EXTRA P200 MINERAL an easy to install, durable and age-resistant membrane.

CARRIER

The carrier is an non-woven 200 g/m^2 polyester which provides excellent mechanical characteristics, making SINTOPOL EXTRA P200 MINERAL a membrane ideally suited for most waterproofing applications.

INTENDED USE ACCORDING "CE" MARK STANDARDS

Single layer waterproofing systems or top layer in multi-layer systems for roof waterproofing (EN 13707)	**SINTOPOL EXTRA P200 MINERAL** 4,0 mm (on selvedge)

AVAILABLE SURFACE FINISHES

Upper surface: self-protection by means of slate flakes available in standard grey or other colours (e.g. white, red, green) upon request.

Lower surface: Polyethylene fast burning film. For cold applications by means of adhesive the use of sand finishing on the lower surface is recommended.

USE & APPLICATION

SINTOPOL EXTRA P200 MINERAL 4 mm is recommended for single layer waterproofing systems or as a cap sheet layer in multi-layer waterproofing constructions for applications without other types of protection. Subject to the type of substrate it shall be installed by means of a propane gas torch, approved adhesives or by mechanical fixing. In any case it is recommended to prepare substrate with fixative bituminous PRIMER W (water base) or PRIMER S (solvent base). For cold applications on primed concrete surfaces apply with COPERGLUE BASE bituminous adhesive (over horizontal areas) or COPERGLUE VERTICAL (parapets and elevations). Side laps, head joints and small repairs shall be made with COPERGLUE JOINT. For cold applications over insulation board (Polystyrene, PUR or PIR) apply with COPERMAST bituminous mastic. For correct installation refer to information provided by Copernit Technical Department.

Properties	Test Method	Unit	SINTOPOL EXTRA P200 MINERAL	Tol.
Length	EN 1848-1	m	10 (-1%)*	≥
Width	EN 1848-1	m	1,0 (-1%)	≥
Straightness	EN 1848-1	mm	20 mm X 10 m	max
Thickness	EN 1849-1	mm	4,0 (on selvedge) + mineral	±5%
Tensile strength (at break) L/T	EN 12311-1	N/5 cm	900/700	±20%
Elongation (at break) L/T	EN 12311-1	%	50/50	±15
Tear resistance (nail test) 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	≥
Compound softening point (R&B)	EN 1427	°C	150	≥
Watertightness (method A)	EN 1928	kPa	60	≥
Resistance to water vapor diffusion (μ)	EN 1931	--	20.000	--
Reaction to fire	EN 13501-1	Class	E	--
Resistance to external fire	EN 13501-5	Class	F roof	--

(*) other lengths are available upon request

COPERNIT S.p.A.
Via Provinciale Est, 64 - 46020 Pegognaga (MN) – Italy Tel. +39 0376 554911 Fax +39 0376 550177
www.copernit.it - email: info@copernit.it