



GB14/92057

SINTOPOL EXTRA P-200

Compound

APP

Cold Flexibility

-5°C
CHARACTERISTICS

SINTOPOL EXTRA P-200 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 P-200 an easy to install, durable and age-resistant membrane.

CARRIER

The carrier is a non-woven 200 g/m² polyester which provides excellent mechanical characteristics, making SINTOPOL EXTRA P-200 an easy to install membrane ideally suited for most waterproofing applications.

INTENDED USE ACCORDING "CE" MARK STANDARDS

Underlay or intermediate layer in multi-layer systems for roof waterproofing (EN 13707)

SINTOPOL EXTRA P-200
4,0 mm

Foundations or ground waterproofing (EN 13969)

SINTOPOL EXTRA P-200
4,0 mm

AVAILABLE SURFACE FINISHES USE & APPLICATION

Upper surface Sand.

Lower surface Polyethylene fast burning film.

SINTOPOL EXTRA P-200 is recommended as a base sheet or intermediate layer in multi-layer waterproofing constructions for flat, pitched or vaulted roofs, made of reinforced concrete cast on site or prefab, of terraces, underfloorings, etc. In case of direct exposure to weathering agents, SINTOPOL EXTRA P-200 shall be protected with reflective paint or by a layer of self-protected (mineralised) membrane.

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 P-200	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	≥
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	≥
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	--