

# EXTRABIT

**Compound**
**SBS**
**Cold Flexibility**
**-10°C**
**CHARACTERISTICS**

EXTRABIT is a waterproofing membrane made of distilled bitumen modified with SBS (styrene-butadiene-styrene) polymers that make it very elastic, resistant to thermal ageing and flexible at low temperatures. The elastomeric compound ensures ease of application, reduced consumption of gas and has excellent adhesion properties that ensure, when the membrane is properly installed, superior 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 STANDARDS**

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

**EXTRABIT**  
4,0 kg/m<sup>2</sup>

Top layer in multi-layer systems for roof waterproofing (EN 13707)

**EXTRABIT MINERAL**  
4,0 - 4,5 - 5,0 kg/m<sup>2</sup>

**AVAILABLE SURFACE FINISHES**

Upper surface EXTRABIT: sand; upon request polypropylene glossy film, TEX (non-woven black polypropylene "ready-to-paint" film) or plastic HDPE film.  
EXTRABIT MINERAL: self-protection by means of slate flakes available in standard grey, black, or other various colours upon request.

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

**USE & APPLICATION**

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

EXTRABIT MINERAL is recommended for use as a cap sheet layer in multi-layer waterproofing systems.

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 CPERMAST bituminous mastic.

For correct installation refer to information provided by Copernit Technical Department.

Properties	Test Method	Unit	EXTRABIT	EXTRABIT MINERAL	Tol.
Length	EN 1848-1	m	8,0 (-1%)	8,0 (-1%)	≥
Width	EN 1848-1	m	1,0 (-1%)	1,0 (-1%)	≥
Straightness	EN 1848-1	mm	20 mm X 10 m	20 mm X 10 m	max
Unit weight	EN 1849-1	kg/m <sup>2</sup>	4,0	4,0 - 4,5 - 5,0	±5%
Tensile strength (at break) L/T	EN 12311-1	N/5 cm	500/400	500/400	±20%
Elongation (at break) L/T	EN 12311-1	%	35/35	35/35	±15
Tear resistance (nail test) L/T	EN 12310-1	N	140/140	140/140	±30%
Resistance to static loading	EN 12730 (A)	kg	15	15	≥
Impact resistance	EN 12691	mm	800	800	≥
Dimensional stability	EN 1107-1	%	±0,3	±0,3	≤
Flexibility at low temperature	EN 1109	°C	-10	-10	≤
Flow resistance at elevated temperature	EN 1110	°C	90	90	≥
Watertightness (method A)	EN 1928	kPa	60	60	≥
Resistance to water vapor diffusion (μ)	EN 1931	--	20.000	20.000	--
Reaction to fire	EN 13501-1	Class	E	E	--
Resistance to external fire	EN 13501-5	Class	F roof	F roof	--