CE
GB14/92057

COPERNIT
WATERPROOFING SYSTEMS

TIMBERPOL 400

Compound	Cold Flexibility
SBS	-25°C

CHARACTERISTICS

TIMBERPOL 400 is a special breathable and waterproofing micro-membrane developed for under slating application and for wooden and ventilated roofs.
The SBS polymer modified bituminous compound provides the membrane excellent elasticity and elongation.

TIMBERPOL 400 has been specifically developed for the following destinations of use:
- separation layer, mechanically fixed, in multi layer waterproofing systems;
- water vapour diffusion layer for under slating applications on wooden pitched roofs.

CARRIER

TIMBERPOL 400 is reinforced with a special non-woven spunbond polyester, which gives to the membrane excellent tear resistance properties.

INTENDED USE ACCORDING "CE" MARK STANDARDS

Waterproofing layer under slates or under discontinuous roofs in general (EN 13859-1)	**TIMBERPOL 400** 400 g/m^2

AVAILABLE SURFACE FINISHES

Upper surface Polyethylene film
Lower surface Polyethylene film

USE & APPLICATION

TIMBERPOL 400 is recommended as waterproofing layer under slates, tiles or under discontinuous roofs in general; ideally suited for wooden and ventilated roofs.
TIMBERPOL 400 shall be installed by means of mechanical fixing.
For correct installation refer to information provided by Copernit Technical Department.

Properties	Test Method	Unit	TIMBERPOL 400	Tol.
Length	EN 1848-1	m	30 (-1%)	≥
Width	EN 1848-1	m	1,0 (-1%)	≥
Unit weight	EN 1849-1	g/m²	400	±10%
Tensile strength (at break) L/T	EN 12311-1	N/5 cm	450/300	±20%
Elongation (at break) L/T	EN 12311-1	%	40/40	±15
Tear resistance (nail test) L/T	EN 12310-1	N	180/180	±30%
Dimensional stability	EN 1107-1	%	±0,6	≤
Flexibility at low temperature	EN 1109	°C	-25	≤
Flow resistance at elevated temperature	EN 1110	°C	100	≥
Watertightness (method A)	EN 1928	kPa	Class W1	--
Resistance to water vapor diffusion (μ)	EN 1931	--	52.000	--
Water vapour diffusion (S_d)	EN 1931	m	33,8	--
Reaction to fire	EN 13501-1	Class	E	--

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