

TIMBERPOL 400

Mescola
SBS

Flessibilità
-25°C

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

**INTENDED USE
ACCORDING
"CE" MARK
STANDARDS:**

TIMBERPOL 400: waterproofing layer under slates or under discontinuous roofs in general (UNI EN 13859-1)

**AVAILABLE
SURFACE FINISHES**

Upper surface: polyethylene film

Lower surface: polyethylene film

**METHODS OF
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 | 30,0 (-1%) | ≥ |
| Width | EN 1848-1 | m | 1,0 (-1%) | ≥ |
| Straightness | EN 1848-1 | mm | 20 mm X 10 m | Max |
| Unit weight | EN 1849-1 | g/m ² | 400 | ±5% |
| Tensile strength L/T (max load) | EN 12311-1 | N/5 cm | 450/300 | ±20% |
| Breaking elongation L/T | EN 12311-1 | % | 40/40 | ±15 |
| Resistance to tearing 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 | EN 1928 (A) | - | Class W1 | -- |
| Water vapour transmission | EN1931 | μ | 20.000 | ≥ |
| Reaction to fire | EN 13501 -1 | Class | E | -- |