ITER 20 MINERALE

Polyalphaolefin bitumen membrane (PAO)

DESCRIPTION

Prefabricated waterproofing membrane composed of distilled bitumen and polyalphaolefin polymers (PAO) reinforced with heavy duty, thermostabilised, non-woven spunbonded polyester fabric that gives the membrane high mechanical properties and good dimensional stability (0.3%).

The self-protected version with slate chippings on the upper surface reduces the absorption of heat on the surface thus improving the durability of the membrane.
The self-protected versions are provided with a 10 cm lateral overlap.

All self-protected products with slate chippings undergo colour changes over time due to exposure to atmospheric agents. These colour variations gradually tend to become uniform.
It is impossible to guarantee the colour uniformity of mineral products since the only slate manufacturer available does not issue any guarantee in this respect.

ADVANTAGES

- ✓ High puncture strength
- ✓ Resistance to demanding working situations
- ✓ Excellent mechanical performance
- ✓ High flexibility at low temperatures and hot temp. creep even after aging
- ✓ Monolayer use

Reinforcement: Non-woven spunbonded polyester fabric

Compound: Polyalphaolefin bitumen

Upper finish: SLATE

Lower finish: PE Film

Intended use: Upper layer / Monolayer

Application method: Blowtorch / Glue / Hot air / Mechanical fixing

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	TESTING METHOD	M.U.	TOLERANCE	VALUE
Thickness	EN 1849-1	mm	MDV - 0.2 mm	4
Maximum tensile strength (L/T)	EN 12311-1	N/50 mm	MDV - 20%	850/650
Flexibility at low temperature	EN 1109	°C	MLV	-20
Creep	EN 1296/1110	°C	MDV - 10°C	140
Load resistance	EN 12730	Kg	MLV	20

PACKAGING

PRODUCT	ROLL SIZE	WEIGHT Kg/m²	THICKNESS MM	SQUARE METRES PER PALLET	EN STANDARDS
Iter 20 minerale	7.5 m x 1 m	-	4	172.5	13707

Please refer to the technical data sheet for more information, constant research in the field may result in changes to data content without the producer being obliged to inform all interested parties

Technical Data Sheet