

ITERFOND Dimpled membrane for foundations

Plasto-elastomeric polymer bitumen membrane (APP)



DESCRIPTION

Prefabricated waterproofing membrane composed of distilled bitumen and elastoplastomeric polymers (APP) reinforced with non-woven high resistance polyester fabric.

ITERFOND is dimpled on the visible side thus creating a strong external protection with resistance to puncturing considerably higher than the normal HDPE sheets generally used.

Therefore, a single product replaces the various products normally used, ensuring better impact resistance and proper drainage and also allowing a considerable saving of labour costs.

In addition, the dimples enable to successfully apply insulating panels, geotextiles and other materials if the work requires it.

LAYING INSTRUCTIONS

ITERFOND membranes are applied by blowtorch directly to surfaces pre-treated with a suitable primer (PRIMER V70), with the dimpled surface facing outwards.

Adhesion of insulating or geotextile panels, if required, can be carried out simply by re-heating the upper surface of the membrane (dimpled side).

Place the measured rolls on the vertical application surface, taking care to mechanically fix the apex of the membrane with the special bar and nails.

Lay a drainage tube at the bottom of the excavation.

Overlapping (Fig. 1)

ITERFOND is equipped with two lateral selvages ensuring the same thickness of the dimples in overlapping areas, thus avoiding over-thicknesses which would prevent a perfect adhesion of the insulating panel.

Head sheets should not be overlapped but simply juxtaposed with one another and laid on top of a 20 cm wide membrane connecting strip previously applied on the supporting surface.

Corners (Fig. 2)

In correspondence of corners, reliefs or fitting at the base of foundations, it is necessary to apply by blowtorch a 20 cm high connection strip constituted by Tagliamuro POL (Wall divider) before the application of Iterfond.

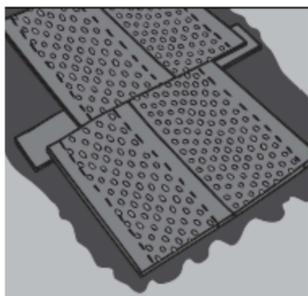


Fig. 1

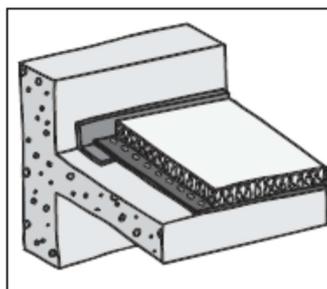


Fig. 2

ITERFOND Dimpled membrane for foundations

Plasto-elastomeric polymer bitumen membrane (APP)

ADVANTAGES

- ✓ Reduction of overall installation times
- ✓ Increased puncture resistance of dimpled HDPE membranes
- ✓ Easy installation
- ✓ Easy and safe installation of geotextile or insulating panels obtained with the fusion of adhesive dimples
- ✓ Safer operation for the contractor

Reinforcement: High resistance non-woven polyester fabric

Compound: Polymer bitumen

Upper finish: PE Film with visible dimples

Lower finish: PE Film

Intended use: Foundations

Application method: Blowtorch

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	TESTING METHOD	M.U.	TOLERANCE	VALUE
Mass per unit area	EN 1849-1	Kg/sq m	MDV ± 10%	5.0
Membrane thickness (Measured on the dimple)	EN 1849-1	mm	± 5%	6
Maximum tensile strength (L/T) Polyester reinforcement	EN 12311-1	N/50 mm	MDV - 20%	750/500
Flexibility at low temperature	EN 1109	°C	MLV	-10°
Creep	EN 1296/1110	°C	MDV - 10°C	130
Load resistance	EN 12730	Kg	MLV	15

PACKAGING

PRODUCT	ROLL SIZE	WEIGHT SQ M/KG	THICKNESS MM	SQUARE METRES PER PALLET	EN STANDARDS
Iterfond	7.5 m x 1.05 m	5.0	6	172.5	13969

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