

# IPERTEC FORATO

## Waterproofing membrane

### Description

Prefabricated modified polymerbitumen membrane whose compound is composed of distilled bitumen and elasto-plastomers (APP) reinforced with a perforated fiberglass mat.

Both sides of the membrane are protected by a polyethylene burn off film.

The diameter of the holes are of 40 mm and evenly across the surface.

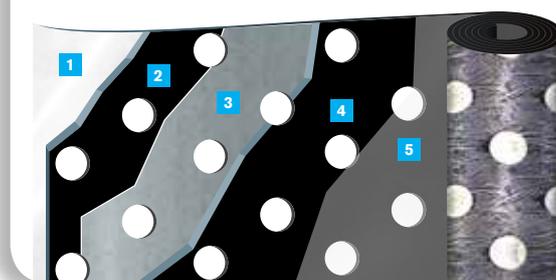
In virtue of the particular formulation, the IPERTEC FORATO membrane is compatible with both SBS and APP membranes manufactured by PLUVITEC.

IPERTEC FORATO is used for partially bonded waterproofing systems and applications, providing for a constant, evenly spread and homogeneous bond to the substrate.

The application of IPERTEC FORATO allows for vapor to travel freely below the waterproofing layer allowing for it to be expelled through suitable air vents.

### Stratigraphy

1. PE film
2. Waterproofing mass
3. Fiberglass reinforcement
4. Waterproofing mass
5. PE film



### Methods of application

IPERTEC FORATO is applied loose laid and not bonded to the substrate, allowing for side & head laps.

The following layer of membrane will be applied fully bonded. The application by torch is not suggested on heat sensitive materials (ex. polystyrene insulation).

The details (perimeter, protruding objects, etc.), verticals and applications in correspondence to change of slope, must be fully bonded to the substrate.

For further information we recommend to consult PLUVITEC's technical literature.

## Fields of use



### EN13707 Continuous roofs (Certificate n° 0958-CPR-2045/1)

	N° layers			Method of application						Type of application			Type				
	Single Layer	Double Layer	Multilayer	Torch	Hot Air	Mixed (Torch / Air)	Cold Bond Glue	Mechanical Fixing	Thermo Adhesive / Self Adhesive	Fully Bonded	Partially Bonded	Loose Laid	Complimentary Layer	Top Layer	Heavy Protection	Anti-root	Other Uses
IPERTEC FORATO 750 G/M <sup>2</sup>			■									■	■				

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## Recommendations

To obtain the most from the technical characteristics of the membranes IPERTEC FORATO and therefore guaranteeing the maximum reliability and durability of the completed works, it is suggested to follow some simple fundamental rules.

- The rolls are to be stored in an upright position, indoors in a dry and ventilated area, away from heat sources. Absolutely avoid the stacking of rolls and pallets for storage or transport to avoid possible deformations which may compromise a perfect installation. It is recommended to store the product at temperatures above 0°C.
- The application surface must be smooth dry & clean.
- The application surface must be previously treated with a suitable bituminous primer (PRIMERTEC or ECOPRIMER), to eliminate dust and enhance the adhesion of the membrane.
- **The application surface must not have any depressions to avoid the risk of ponding water, the slope must be at least 1.5% on concrete decks and 3% for steel or wooden ones, this to guarantee a proper run off of rainwater.**
- In situations of application on vertical surfaces superior to 2 meters or on very sloped substrates, apply suitable mechanical fixings to the head laps, after which they will be sealed when torching the head laps.
- The application must be done at temperature higher than +5°C.
- The application must be interrupted in adverse weather conditions (high humidity, rain, etc.)
- The pallets on which the rolls are packaged are intended for normal warehouse use.
- The materials on stock should be rotated following a first in first out rotation.

## Technical data

Technical Characteristics	Measure Units	Reference Norm	V	Tolerance
Type of reinforcement			Fiberglass	
Upper face finish			PE film	
Lower face finish			PE film	
Length	m	EN 1848-1	30 -1%	
Width	m	EN 1848-1	1 -1%	
Mass	kg/m <sup>2</sup>	EN 1849-1	0.745	±10%
Cold flexibility	°C	EN 1109	NPD	
Tensile strength L / T	N / 5 cm	EN 12311-1	250/150	-20%
Elongation at break L / T	%	EN 12311-1	2/2	-15
Tearing resistance L / T	N	EN 12310-1	70/70	-30%
Fire resistance		EN 13501-5	F ROOF	
Fire reaction		EN 13501-1	F	
Watertightness	kPa	EN 1928	NPD	

NPD = No Performance Declared in accordance with the EU Construction Products Directive.

## Sizes & packing

	V 0,745 kg/m <sup>2</sup>
Rolls size [m]	30x1
Rolls per pallet	39
Square meters per pallet [m <sup>2</sup> ]	1170

Sizes & packing may vary depending on the type of transportation. The technical data given is based on average values obtained during production. We reserve the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.