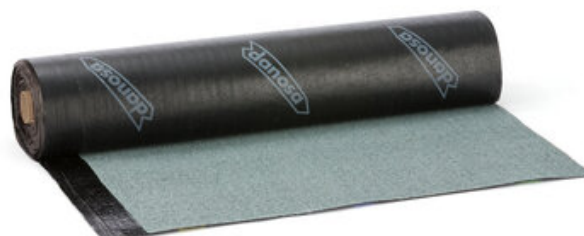


## IMPERDAN FP 40 GP

Waterproofing sheet of polymer modified bitumen (pliability -5°C) with mineral self-protection.



IMPERDAN FP 40 GP is a waterproofing bituminous sheet with self-protected surface of 4.0 kg/m<sup>2</sup>, LBM-40/G-FP (APP -5 °C). rComposed of a reinforced polyester felt reinforcement, covered on both sides with polymer modified bitumen (pliability -5°C) mastic. On the upper side of the sheet, mineral protection in grey (black) colour is used as protective material. The anti-adhesive material used on the lower side is polyethylene film. rTested according to standard EN test methods.

### Presentation

- Length (cm): 1000
- Width (cm): 100
- Thickness (mm): 2.5(SOLAPO)
- Product code: 141814

### Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m <sup>2</sup> )	4	-
External fire behaviour	Broof(t1)	UNE-EN 1187; UNE-EN 13501-5
Durability flexibility	+5 ± 5	-
Creep durability (°C)	120 ±10	UN-EN 1110
Longitudinal traction durability (N / 5cm)	700 ± 200	-
Transversal tensile durability (N/5cm)	450 ± 150	-
Elongation at break longitudinal (%)	20 ±15	UNE-EN 12311-1

Concept	Value	Standard
Elongation at transverse break (%)	20 ±15	UNE-EN 12311-1
Watertightness at 10 kPa (Type A)	Pasa	UNE-EN 1928
Water vapour resistance factor (μ)	20.000	UNE-EN 1931
Low temperature flexibility (°C)	<-10	UNE-EN 1109
Reaction to fire	E	UNE-EN 11925-2; UNE-EN 13501-1
Resistance to static loading (kg)	>15	UNE-EN 12730
Resistance to root penetration	No Pasa	EN 13948
Longitudinal tensile strength (N / 5cm)	700 ± 200	UNE-EN 12311-1
Transverse tensile strength (N / 5cm)	450 ± 150	UNE-EN 12311-1
Longitudinal resistance to tearing (nail shank) (N)	NPD	UNE-EN 12310-1
Transversal resistance to tearing (nail shank) (N)	NPD	UNE-EN 12310-1
Resistance to impact, A (mm)	>900	UNE-EN 12691
Joint Strength: Welding Shear	450 ± 150	UNE-EN 12317-1
Hazardous substances	NPD	-

## Additional Technical Data

Concept	Value	Standard
Adhesion of granules (%)	<30	UNE-EN 12039
Dimensional stability at elevated temperatures (longitudinal) (%)	<0.6	UNE-EN 1107-1
Dimensional stability at high temperatures (transversal) (%)	<0.6	UNE-EN 1107-1
Creep resistance at high temperatures (°C)	>130	UN-EN 1110

## Environmental Information

Concept	Value	Standard
Post-consumer recycled content (%)	35	-
Manufactured in	Fontanar - Guadalajara (España)	-

## Instruction for Use

Substrate preparation: The base support surface must be durable, uniform, smooth, be clean, dry and free from foreign bodies. As a separating layer or protective polyester geotextiles are used, type Danofelt PY 300 or higher

Placement waterproofing layer: DANOPOL H 1.2 DW can be welded by hot air or by chemical THF bonding (Tetrahydrofuran)

## Notice

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