

POLYDAN PRO 40 HM GREEN GARDEN

First-rate SBS elastomeric 4.0 kg/m² underlay. Root Inhibitor.



Waterproofing bituminous sheet with non self-protected surface of 4.0 kg/m². Composed of a non-woven polyester fleece reinforcement and covered on both sides with a root-resistant SBS modified bitumen mastic.

Presentation

- Width (cm): 100
- Thickness (mm): 3.5
- Product code: 141112

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m ²)	4	-
External fire behaviour	PND	UNE-EN 1187; UNE-EN 13501-5
Durability flexibility	-5 ± 5	-
Creep durability (°C)	100 ±10	UN-EN 1110
Elongation at break longitudinal (%)	45 ±15	UNE-EN 12311-1
Elongation at transverse break (%)	45 ±15	UNE-EN 12311-1
Water vapour resistance factor (μ)	20.000	UNE-EN 1931
Low temperature flexibility (°C)	<-25	UNE-EN 1109
Reaction to fire	E	UNE-EN 11925-2; UNE-EN 13501-1

Concept	Value	Standard
Resistance to static loading (kg)	>20	UNE-EN 12730
Resistance to root penetration	Pasa	UNE-EN 13948
Longitudinal tensile strength (N / 5cm)	900 ± 250	UNE-EN 12311-1
Transverse tensile strength (N / 5cm)	650 ± 250	UNE-EN 12311-1
Longitudinal resistance to tearing (nail shank) (N)	PND	UNE-EN 12310-1
Transversal resistance to tearing (nail shank) (N)	PND	UNE-EN 12310-1
Resistance to impact, A (mm)	>1500	UNE-EN 12691
Joint Strength: Welding Shear	650 ± 250	UNE-EN 12317-1
Hazardous substances	PND	-

Additional Technical Data

Concept	Value	Standard
Adhesion of granules (%)	PND	UNE-EN 12039
Dimensional stability at elevated temperatures (longitudinal) (%)	<0.5	UNE-EN 1107-1
Dimensional stability at high temperatures (transversal) (%)	<0.5	UNE-EN 1107-1
Creep resistance at high temperatures (°C)	>100	UN-EN 1110

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