

POLYDAN PRO 40 P



Presentation

- Length (cm): 1000
- Width (cm): 100
- Thickness (mm): 3.2
- Product code: 141234

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m ²)	4	-
External fire behaviour	Broof (t1), Broof (t2)	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
Watertightness at 10 kPa (Type A)	Pasa	UNE-EN 1928
Watertightness at 60 kPa (Type A)	Pasa	UNE-EN 1928
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	No 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)	NPD	UNE-EN 12310-1
Transversal resistance to tearing (nail shank) (N)	NPD	UNE-EN 12310-1
Resistance to impact, A (mm)	>1000	UNE-EN 12691
Resistance to impact, B (mm)	>1500	-
Joint Strength: Welding Shear	650 ± 250	UNE-EN 12317-1
Hazardous substances	PND	-

Additional Technical Data

Concept	Value	Standard
Adhesion of granules (%)	NPD	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
UV, heat and water durability: Flexibility at low temperature (°C)	-5 ± 5	-
UV, heat and water durability: Flow resistance at elevated temperature (°C)	100 ± 10	-

Environmental Information

Concept	Value	Standard
Radon diffusion coefficient (m ² / s)	2.4, Exp -12	ISO/DTS 11665-13
Volatile organic compounds (COV's) (µg/m ³)	50 (A+)	ISO 16000-6:2006
Post-consumer recycled content (%)	35	-
Manufactured in	Fontanar - Guadalajara (España)	-