

POLYDAN 180-50/GP GARDEN

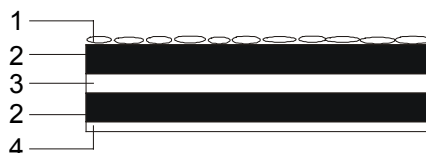
FEATURES

POLYDAN 180-50/GP GARDEN is a self-protected waterproof sheet composed of SBS modified bitumen 4,0 mm thick, reinforced with a 180 g/m² non-woven polyester felt and finished with mineral granules (natural or coloured) on the upper face and a polyethylene film on the lower face. Bitumen is treated with special additives in order to deter root damage.

Tested according to standard EN test methods.

PROPORTIONS

Length, m	8
Width, m	1
Area per roll, m ²	8
Rolls per pallet	25



- 1.- Mineral granules.
- 2.- SBS modified bitumen.
- 3.- Reinforcement.
- 4.- Polyethylene film.

SPECIFICATIONS (according to EN standards)

Mass per unit area	Nominal	Kg/m ²	EN 1849-1	5,0
	Minimum			4,7
Nominal thickness		mm	EN 1849-1	4,0
Tensile strength	Lengthwise	N/5 cm	EN 12311-1	> 900
	Transverse			> 550
Elongation at break	Lengthwise	%	EN 12311-1	> 45
	Transverse			> 45
Flexibility at low temperature		°C	EN 1109	Passed -15 °C
Flow resistance at elevated temperature		°C	EN 1110	Passed 100 °C
Water tightness		-	EN 1928	Passed
Dimensional stability		%	EN 1107-1	≤ 0,5
Resistance to tearing (nail shank)	Lengthwise	N	EN 12310-1	> 280
	Transverse			> 325
Resistance to static loading		-	EN 12730	Passed at 25 Kg
Resistance to impact		-	EN 12691	Passed Ø 10 mm
Adhesion of granules		-	EN 12039	Loss below 30 %
Artificial ageing by elevated temperature		%	EN 1296	Passed 24 weeks