IKO powerflex PF 5000 Atelia 5.0

01565255

Description:

Waterproofing membrane composed of elastomer (SBS) bitumen with fire-retardant properties and a polyester-glass combination inlay. The upper surface is finished with dark grey crushed slate and the lower surface is protected by a thermofusible film. This top layer can be applied in a multi-layer system. This top layer contains ≥ 33 % secondary raw materials by roll weight. This roofing membrane is 100 % recyclable.

Installation

Installation: fully torched-on.

Composition

Type of bitumen	Elastomeric
Upper surface finish	Dark grey crushed slate
Inlay	Polyester-glass combination 180 g/m²
Lower surface finish	Thermofusible film

Technical characteristics:

Tensile strength L (EN 12311-1 MDV N/50 mm +/- 20%)	800
Tensile strength T (EN 12311-1 MDV N/50 mm +/- 20%)	600
Elongation L (EN 12311-1 MDV % +/- 15% abs.)	35
Elongation B (EN 12311-1 MDV % +/- 15% abs.)	35
Nail tear resistance(EN 12310-1 MDV N Only MF)	200
Flexibility at low temperature (EN 1109 MLV °C Surface/Bottom)	≤-20/-15
Flow temperature (EN 1110)	100
Shear resistance (EN 12317-1 MDV N/50 mm)	500
Dimensional stability (EN 1107-1 MLV)	≤ 0.3
Fire resistance	Broof(t2)
Vapour diffusion resistance (µd)	NPD
Root resistant (EN 13948)	-

Sizing and palletization:

Nominal thickness (mm)	+/- 4
Thickness tolerance (mm)	-
Length (m)	5
Width (m)	1
Width of overlap (cm)	8,0
Weight per roll(kg)	+/- 25
Number of rolls / pallet	30
Type of pallet	Euro-pallet

Always use a suitable pallet hoisting hook for vertical transport.

Certificates:

- EPD
- DGNB 0AI2LQ
- IKO Guidelines
- Production ISO 9001 & 14001

IKO hereby certifies that this construction product complies with the provisions of the following European Directive(s) if installed in accordance with the system directions and installation rules set out in the documentation:

- Council Directive 89/106/EEC on Construction Products
- EN 13707

FPC certificate obtained from SGS Notified Body, registered under registration number 0958.

Certificate number: 0958-CPR-2009/1.