IKO roofgarden 4 APP Atelia

01529350

Description:

Reinforced roofing membrane based on plastomer (APP) bitumen with root-resistant properties and a polyester-glass combination inlay. The top side is finished with crushed grey slate and the lower surface is protected by a thermofusible film. Applicable as a top layer in a multi-layer roofing system for green roofs. This top layer contains ≥ 35 % secondary raw materials per weight roll and the roofing membrane is 100 % recyclable

Installation

Installation: fully torched-on

Composition

Type of bitumen	Plastomeric
Upper surface finish	Grey crushed slate
Inlay	Polyester-glass combination
Lower surface finish	Thermofusible film

Technical characteristics:

Tensile strength L (EN 12311-1 MDV N/50 mm +/- 20%)	700
Tensile strength T (EN 12311-1 MDV N/50 mm +/- 20%)	450
Elongation L (EN 12311-1 MDV % +/- 15% abs.)	20
Elongation B (EN 12311-1 MDV % +/- 15% abs.)	40
Nail tear resistance(EN 12310-1 MDV N Only MF)	≥ 100
Flexibility at low temperature (EN 1109 MLV °C Surface/Bottom)	≤-15
Flow temperature (EN 1110)	≥110
Shear resistance (EN 12317-1 MDV N/50 mm)	≥ 500
Dimensional stability (EN 1107-1 MLV)	≤ 0.3
Fire resistance	Broof(t1)
Vapour diffusion resistance (µd)	NPD
Root resistant (EN 13948)	OK

Sizing and palletization:

Nominal thickness (mm)	4,0
Thickness tolerance (mm)	+/- 0,2
Length (m)	5
Width (m)	1
Width of overlap (cm)	8,0
Weight per roll(kg)	+/- 28,5
Number of rolls / pallet	24
Type of pallet	Euro-pallet

Always use a suitable pallet hoisting hook for vertical transport.

Certificates:

- CTG 498
- NL BSB certificaat BD-015
- 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.