IKO summa Arctic 5.0

01526896

Description:

Waterproofing membrane composed of PolyOlefin Elastomer (POE) bitumen with fire-retardant properties and a polyester-glass composite inlay.

POE bitumen combines the excellent properties (higher ring & ball softening point, lower penetration, and UV resistance) of a Thermoplastic (APP) coating in the upper surface finish with the excellent properties (elasticity, flexibility at low temperature & adhesion) of an Elastomer (SBS) coating in the lower surface finish.

The inlay is made using recycled PET bottles. The mineral is additionally rolled down to ensure excellent adhesion.

The chemically stable mineral finish allows pH-neutral water to be recovered from roofs.

The upper surface is finished with white crushed slate (SRI 45) and the lower surface is protected by a thermofusible film. This top layer can be applied in a single or multi-layer system.

Installation

Installation: fully torched-on or loosely laid and ballasted

Composition

Type of bitumen	POE “PolyOlefin Elastomer”
Upper surface finish	White crushed slate (SRI 45)
Inlay	Polyester-glass combination 250 g/m² (Trilaminate)
Lower surface finish	Thermofusible film

Technical characteristics:

Tensile strength L (EN 12311-1 MDV N/50 mm +/- 20%)	1000
Tensile strength T (EN 12311-1 MDV N/50 mm +/- 20%)	800
Elongation L (EN 12311-1 MDV % +/- 15% abs.)	40
Elongation B (EN 12311-1 MDV % +/- 15% abs.)	40
Nail tear resistance(EN 12310-1 MDV N Only MF)	≥ 200/250
Flexibility at low temperature (EN 1109 MLV °C Surface/Bottom)	≤-15/-20
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)
Adhesion of the slate (EN 12039 MDV % +/- 5%)	5
Root resistant (EN 13948)	-

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)	+/- 30
Number of rolls / pallet	36
Type of pallet	1 x 1,2 m guarantee pallet

Always use a suitable pallet hoisting hook for vertical transport.

Certificates:

- CTG 740
- ATG 3290
- 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.