# IKO carbon 250 5 m

## 01528532

### Description:

Waterproofing membrane composed of plastomer (APP) bitumen with fire-retardant properties and a polyester-glass combination inlay. The upper surface is finished with black granulate and the lower surface is protected by a thermofusible film, always in combination with the TURBO profile. 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 | Plastomeric |
| Upper surface finish | Black granulate |
| Inlay | Polyester-glass combination 250 g/m² (trilaminate) |
| Lower surface finish | Turbo profile with thermofusible film |

### Technical characteristics:

| | |
|---|---|
| Tensile strength L (EN 12311-1 MDV N/50 mm +/- 20%) | 1300 |
| Tensile strength T (EN 12311-1 MDV N/50 mm +/- 20%) | 1000 |
| Elongation L (EN 12311-1 MDV % +/- 15% abs.) | 45 |
| Elongation B (EN 12311-1 MDV % +/- 15% abs.) | 45 |
| Nail tear resistance(EN 12310-1 MDV N Only MF) | ≥ 250/250 |
| Flexibility at low temperature (EN 1109 MLV °C Surface/Bottom) | ≤-15 |
| Flow temperature (EN 1110) | ≥130 |
| Shear resistance (EN 12317-1 MDV N/50 mm) | ≥ 750 |
| Dimensional stability (EN 1107-1 MLV) | ≤ 0.3 |
| Fire resistance | Broof(t1-t4) |
| Vapour diffusion resistance (µd) | NPD |
| Root resistant (EN 13948) | OK |

### Sizing and palletization:

| | |
|---|---|
| Nominal thickness (mm) | 4,2 |
| Thickness tolerance (mm) | +/- 0,2 |
| Length (m) | 5 |
| Width (m) | 1 |
| Width of overlap (cm) | 8,0 |
| Weight per roll(kg) | +/- 31 |
| Number of rolls / pallet | 30 |
| Type of pallet | 1 x 1,2 m guarantee pallet |

**Always use a suitable pallet hoisting hook for vertical transport.**

### Certificates:

- ATG 1337
- IAB 08/0316
- AT 5.2/18-2636_V1
- 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.