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## **NURAPLY 3PG**

*IKO Roofgarden*

### **TECHNICAL DATA SHEET**

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#### **DESCRIPTION AND AREAS OF USE**

Waterproofing root-resistant membrane, consisting of a non-woven polyester reinforcement, coated with plastomer bitumen. Root resistant top layer for waterproofing systems under green roofs with selected plants or in areas where there is the risk of membrane attack from plant roots.

#### **FINISHING**

- Top finished with sand
- Underside with a thermofusible film

#### **APPLICATION**

Lay the second NURAPLY 3PG layer by heat fusing over the cleaned repaired and NURAFLEX primed (if necessary) surface of the first layer. Joints in the second layer must not correspond with joints in the first layer. Second layer joints to be welded lap-joints, minimum 80mm wide down roll edges and minimum 100mm wide across roll ends, to the NURAPLY 3PG supplier's requirements. Roll junctions must be staggered to avoid 4 layer lap-weld build-up of NURAPLY 3P at corners. Ensure unobstructed drainage flow at outlets.

#### **COMPOSITION**

- carrier: non-woven polyester 180 g/m<sup>2</sup>
- plastomer bitumen, consisting of + 70% bitumen and + 30 % atactic polypropylene (APP), with addition of a root-rejecting element.

## TECHNICAL SPECIFICATIONS (average values)

- Tensile strength: (UEAtc)
  - longitudinal: 700 N
  - transversal: 450 N
- Elongation at break (UEAtc)
  - longitudinal: 30 %
  - transversal: 40 %
- Low temperature flexibility: -8°C
- Heat resistance (EN 1110): 140 °C
- Dimensional stability (EN 1107-1): < 0,4%
- 4 year period FLL German root-test accomplished

## DIMENSIONS

- Thickness : 4 mm
- Length : 7.5 m
- Width : 1 m
- Weight : 36.1 kg

## SAFETY, STORAGE & HANDLING INFORMATION

- Do not pile pallets and keep rolls upright
- Store indoors

## TRANSPORT CLASSIFICATION

N/A

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