
NURAPLY 3PV-SA

IKO base, QUADRA F/SA

TECHNICAL DATA SHEET

DESCRIPTION AND AREAS OF USE

Roofing membrane consisting of an impregnated polyester reinforcement, coated on both sides with flexible coating bitumen and bottom side provided with a build-in vapour diffusion layer based on diamond-shaped profiled self-adhesive SBS modified bitumen.

- The polyester carrier has a high mechanical strength and is accessible during operation.
- The build-in vapour diffusion layer is based on diamond-shaped profiled plots consisting of self-adhesive SBS modified bitumen.
- The adhesive surface underneath is about 40 %, so that the ideal relation between wind resistance and vapour pressure exposure is achieved.
- The optimal vapour pressure diffusion is achieved by the broad, diagonal canal structure of the non-faced reinforcement.
- The bottom side is covered with diamonds of self-adhesive SBS modified bitumen, which guarantees an immediate and high bonding to the supporting substrate.
- The topside is finished with removable silicon foil. This guarantees fast and secures water tightness.
- The bottom side is finished with a removable silicon foil.

COMPOSITION

- Carrier polyester, 180 g/m².
- Bitumen coating mass.
- Flexible coating bitumen.
- Bottom side: build-in vapour pressure diffuser based on diamond-shaped profiled self-adhesive SBS modified bitumen.

TECHNICAL SPECIFICATIONS (average values)

- Tensile strength: (UEAtc)
 - Longitudinal : 700 N
 - Transversal : 500 N
- Elongation at break (UEAtc)
 - Longitudinal : 35 %
 - Transversal : 35 %
- Low temperature flexibility self-adhering coating : -25°C

DIMENSIONS

- Thickness: ± 2.5 mm
- Length: 10 m
- Width: 1 m
- Weight: ± 32.5 kg

APPLICATION

Used as self-adhesive vapour pressure diffusing under layer in a multi-layer roofing system.

Can be placed on substrates with enough delaminating resistance such as concrete, existing bituminous membranes, stable wooden supports.

Secondly, as a first layer on IKO Enertherm MG/ALU): do not prime-on beforehand!

Nuraply 3PV-SA is applied as a base layer in multi layer roofing systems.

The substrate should be smooth, dry, clean, fat and dust free. All substrates, with exception of thermal insulation, needs to be coated with Nuraflux bitumen primer.

The first membrane is unrolled and lined out and rolled up again until approximately half the length of the strip. The removable silicon foil should be cut in cross direction and pulled up in one time while unrolling the membrane. This way, the self-adhesive underside will get in direct contact with the substrate and stick immediately.

The same procedure should be repeated for the other end of the roll. The next membrane Nuraply 3PV-SA is applied in the same way with a side lap of 80mm and an end lap of at least 100mm. Pressure shall be exerted with a medium hard pressure roller. The end lap will be torched with a gentle flame.

Next, the top layer will be fully torched-applied on the Nuraply 3PV-SA with a smooth flame of an asphalt torch.

Temperature in application ≥ 10° C.

In case of application during colder periods the material should be stored at least 12 hours before application in an ambient temperature of ≥ 10° C.

SAFETY, STORAGE & HANDLING INFORMATION

- Do not pile pallets
- Store indoors, preferably in dark room; avoid direct sunlight
- Apply as quickly as possible after production

TRANSPORT CLASSIFICATION

N/A

The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations at any time without notice.