

Parafor® Solo NOx-Activ®

BITUMEN ELASTOMERIC WATERPROOFING MEMBRANE

A torch applied, high-performance polyester reinforced single application SBS modified bitumen elastomeric waterproofing membrane with **NOx-Activ®** properties contributes to conserving the environment and improving the quality of life in cities.

NOx-Activ® is a de-pollution system activated by the effect of UV-rays from the sun, causing the oxide pollutants (NOx) to be broken down into by-products which are carried off safely in the rainwater.

BENEFITS

- Reduces pollution in our environment – destruction of nitrogen oxides (NOx)
- Certified to maintain its de-polluting properties as a permanent feature
- The concentration of nitrates produced by photocatalysis is lower than any bottled mineral water (contact Icopal for the laboratory report)
- Suitable for installation in new constructions or for renovations works
- Easier to torch due to the patented grooved underside of the membrane
- High resistance to cracking and puncturing, considerable elasticity due to SBS elastomeric bitumen
- Coloured mineral granular slate colours available including white.

PROPERTIES

Icopal Parafor has a sand finish which is distributed evenly on the upper face to assist with ease of unrolling of the Parafor. The underside is embossed (small squares) on the underside of the membrane with to assist with the rapid burn off the flamina which indicates the correct melting point during the torch application to ensure adequate bonding onto the substrate.

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PRODUCT DATA

Material	Styrene Butadiene Styrene
Reinforcement / weight (g/m ²)	Polyester / 180
Roll length (m)	7
Roll width (m)	1
Thickness (mm)	4



TECHNICAL DATA	Reference Norm	Units	Average
Tensile strength	EN 12 311-1	N/50mm	800 x 600
	ASTM D 5147 Section 6	Kn.m	15.4 x 11.7
Elongation at max	EN 12 311-1	%	40 x 45
	ASTM 5147 Section 6	%	54 x 60.7
Nail tearing test	EN 12 310-1	N	200 x 250
Heat flow test	EN 1110 ASTM D Section 15	°C	≥ 120
Dimensional stability	EN 1107-1 ASTM 5147 Section 10	%	± 0.5
Static puncture resistance	EN 12730	kg	≥ 15
Water-tightness	EN 1928	kPa	60
Reaction to fire	EN 13501-1	-	E
Cold temperature flexibility	EN 1109 ASTM 5147 Section 11	°C	≤ -5

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APPLICATION

Icopal Parafor is used when waterproofing all types of roof decks. Icopal Parafor is not recommended to be applied as a loose laid application or spot bonded application method.

Parafor® Solo NOx-Active® is always used as a capping sheet as the top layer of a multi-layer system.

ISO 9001

Siplast is a certified ISO 9001 compliant company.
Siplast has been awarded the Bureau Veritas Certification.



IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst Icopal endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot – because Icopal has no direct or continuous control over the where and how Icopal products are applied – accept any liability either directly or indirectly arising from the use of Icopal products, whether or not in accordance with any advice, specification, recommendation or information given by the company.

TECHNICAL ADVICE

Consult Icopal South Africa for additional information on your waterproofing project.