

Fondorfor 'S'

ANTI-ROOTS MEMBRANE

A torch applied, high-performance polyester reinforced SBS modified waterproofing membrane with a high quality dispersed anti-root additive that will resist root penetration. Fondorfor anti-root is ideally suited for waterproofing slabs before roof gardens are installed or for waterproofing earth retaining walls where root resistance is a requirement.

BENEFITS

- Root inhibiting additive that will not fade, wash out or migrate into soil, plants or surrounding environments
- High puncture resistant
- High elongation at break
- High tear and crack resistance
- Long life expectancy
- Single ply application
- Easy to install
- Rot resistant

AREAS OF APPLICATION

- Waterproofing of decks which will have a roof garden application installed where a root resistant waterproofing membrane is required.
- Earth retaining walls which will require an anti-roots waterproofing membrane.

PROPERTIES

Icopal Fondorfor has a sand finish which is distributed evenly on the upper face to assist with ease of unrolling of the Fondorfor. 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 / weigh (g/m ²)	Polyester / 180
Roll length (m)	8
Roll width (m)	1
Thickness (mm)	3.2



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 Fondorfor should always be used with Siplast primer when waterproofing all types of roof decks. Icopal Fondorfor is not recommended to be applied as a loose laid application or spot bonded application method.

Fondorfor 'S' 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.