

CAMPOLIN FIBER

TECHNICAL DATA SHEET

ANZ-TDS-134-CAMPOLIN FIBER



WATERPROOFING

APPLICATIONS

ROOFS

COOL ROOFS

ASBESTOS ROOFS

DESCRIPTION

CAMPOLIN FIBER is a high density acrylic resin that forms an elastic waterproofing membrane. CAMPOLIN FIBER contains polypropylene fibers, allowing an application without having to add a separate reinforcement.

CAMPOLIN FIBER is a waterproofing coating applied to eliminate moisture and leaks in roofs and vertical walls (barrel roof tiles, parapets, dividing walls, external cladding, existing balconies, paving stone and roof tiles ...).

CAMPOLIN FIBER is simple and quick to prepare as it doesn't require a catalyst or activator. The consistency makes it easy to install and can be applied without a primer to concrete, wood, bitumen, PVC and many metals.

CAMPOLIN FIBER is also used as a protective coating for walls, dividing walls, roof edge slabs, concrete structures, refurbishment of fiber cement roofs, metal sheet decks, asbestos reinforced cement roof or roofs that have been waterproofed with bitumen membranes.

High Solar Reflectance Index 90

Solvent free, water based product

Resistant to light pedestrian traffic.

Low odour

Breathable membrane

FIELD OF APPLICATION

- ROOFS
- BALCONIES
- COOL ROOFS
- ASBESTOS ROOF ENCAPSULATION

INSTALLATION PROCEDURE

SURFACE PREPARATION:

- Concrete must be fully cured (28 days) with a minimum hardness of 24 MPa (3500 psi). Surface needs to be sound, clean and free of dust or debris, substrate moisture must not exceed 5% by mass or 16% by volume.
- Concrete surface must be prepared to obtain concrete surface profile (ICRI CSP) of 3 or 4. To obtain such a profile, the use of special equipment such as shot blasting is recommended. When needed, concrete repair must be done with appropriate products.
- Without primer: traditional granulated and sanded bituminous waterproofing membranes, wood, metal, coated metal, concrete, and PVC pipe.
- PVC pipes must be sanded with sandpaper.
- All metal surfaces must be cleaned with non-greasy solvent such as acetone or Methyl Ethyl Ketone (MEK). Metal surfaces must be smooth, clean and uncontaminated (free of oxidised bitumen).

APPLICATION:

- Substrate and ambient temperature: min. +5 °C and air humidity: max. 85 %.
- Mix the product well before use.
- Lightly moisten the surface before application or dilute the first layer with 20 % water.
- Apply 150 mm wide ALSAN FLEECE reinforcement strips in perimeters and joints.
- Fleece overlaps must be 50 mm wide. Resin must be applied in between the overlaps.
- The product can be applied with a brush or a roller in three layers.
- For an increased durability it is recommended to apply an extra layer of CAMPOLIN FIBER.
- Avoid product application if rain is expected within 24-48 h after applying the final layer.

NOT RECOMMENDED UNDER TILES OR COVERINGS WHERE WATER COULD OR WILL POND (ARTIFICIAL GRASS, FLOORING, ...).
FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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PACKAGING

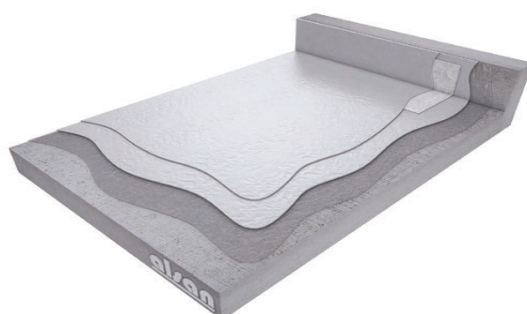
PACKAGING	CAMPOLIN FIBER
Reinforcement	Alsan fleece
Colour	White, grey On demand: red and terracotta
Packaging	5kg or 20 kg

PROPERTIES

PROPERTIES	CAMPOLIN FIBER
Consumption	Field application without fleece: 600g/m ² per layer with minimum 1.8 kg/m ² in total. Detail application with fleece: two layers (1kg/m ² + 0.8kg/ m ²) with minimum 1.8 kg/m ² in total.
Drying time at 23 °C	Dry to the touch: ± 60 minutes Dry: ± 24 hours
Application condition	
Substrate or ambient temperature	5 °C min. to 40 °C max.
Atmospheric moisture	85 % max.

PROPERTIES

PROPERTIES	CAMPOLIN FIBER
Density at 23 °C	1.30 g/cm ³
Viscosity at 23 °C	>141 KU
Solids content	62-66 %
VOC	< 40 g/l
Tensile strenght (28 days) Dry layer	2.8 Mpa (± 0, 2)
Elongation (28 days) Dry layer	275 % (± 50)
Flexibility at low temperatures Dry layer	No cracks at -15 °C
Pedestrian traffic rating	P3



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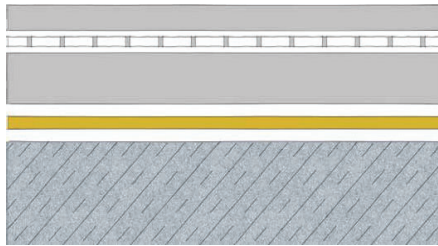
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BUILD UP WHEN USED WITH FLEECE AT JUNCTIONS

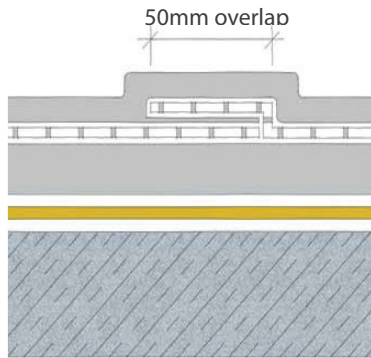


1/3 of CAMPOLIN FIBER

2/3 of CAMPOLIN FIBER + ALSAN FLEECE on top

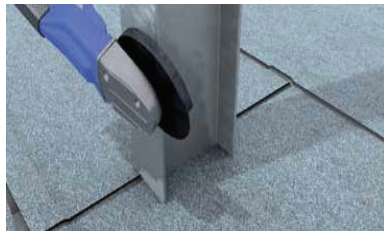
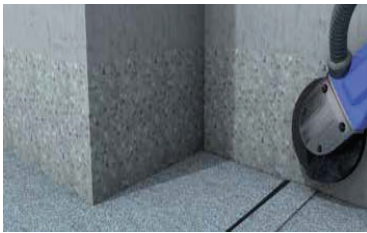
Existing membrane or substrate

OVER LAP OF FLEECE AT JUNCTIONS



There must be sufficient coating material between the layers of fleece.

STEP BY STEP INSTALATION METHOD



Step 1

Metal areas must be abraded.

Loose slate chippings on bitumen sheets are removed with a wire brush.



Step 2

The dust must be removed from the surface and the cleaning agent allowed to flash off before waterproofing work starts.

The borders are marked with PE-coated masking tape. Remove the masking tape after completion of the last layer when the coating is still wet.



Step 3

The first layer is applied. A generous amount of material (approx. 1kg/m²) is applied, especially at material transitions, in corners and on vertical surfaces. Any excess material is automatically pushed outwards or upwards when the fleece is embedded.



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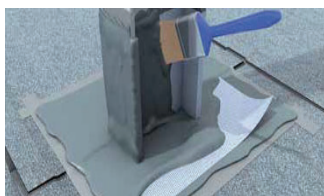
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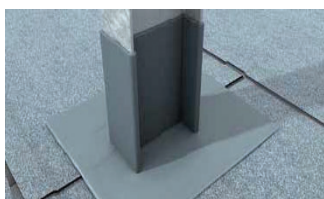
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Step 4

Place the fleece into the first wet layer and apply the second layer of coating. Make sure that any air bubbles are removed with a roller. Make sure that the fleece is fully saturated and no light patches are visible. It is essential that additional material is applied between the layers of fleece at the overlap. The fleece can be covered immediately with the second layer of coating at approx. 800g/m². Sufficient material must also be applied at the edges along the masking tape.



Step 5

If an additional finish is required (for example: granules, slate chippings etc.), an additional coating layer must be applied at a consumption rate of approx. 600g/m². The surface protection is broadcast into the fresh layer.

STORAGE AND HANDLING

In its original, unopened packaging and unmixed, the product has a storage life of at least 18 months if kept cool, dry and protected from frost and at a temperature between +5 to +30 °C. Direct sunlight on the containers should be avoided, including on site. Once opened, the product only has a limited shelf life. Avoid, also on site, exposure of the containers to direct sunlight. Opened packaging has a shortened shelf life and may gel prematurely. The product must not be applied once it has started to gel.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative or the contractor is responsible for checking the suitability of products for their intended use.



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