

CAMPOLIN



WATERPROOFING

APPLICATIONS

ROOFS

COOL ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-133-CAMPOLIN

DESCRIPTION

CAMPOLIN is a high density acrylic resin that forms an elastic waterproofing coating. It's an aesthetic coating on roofs with self-protected bituminous membranes.

CAMPOLIN 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 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 is used to protection coating of walls, dividing walls, edge slabs, concrete structures, refurbishment of fiber cement roofs, metal sheet decks or roofs that have been waterproofed before with a rubber emulsion.

High Solar Reflectance Index 90

Solvent free, water based product

Easy and quick application by using an "Airless" gun or a brush

Conforms easily to any irregular shapes

Breathable allowing the support to breathe

FIELD OF APPLICATION

- ROOF
- BOLCONIES
- COOL ROOF

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 reparation must be done with appropriate products.
- Without primer: traditional granulated and sanded bituminous waterproofing membranes, wood, metal, prepaint metal, concrete, and PVC pipe.
- PVC pipe 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 well the product before use.
- Lightly moisten the surface before application or dilute the first layer with 20 % water.
- Apply 20 cm wide ALSAN FLEECE reinforcement strips in perimeters and joints. In case of trafficable roofs use ALSAN FLEECE (1 m) on the complete surface.
- Fleece overlaps must be 5 cm wide. Resin must be applied in between the overlaps.
- The product can be applied with a brush or a roller in two or three layers.
- For an increased durability it is recommended to apply an extra layer of CAMPOLIN.
- 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.

TDS_CAMPOLIN_08-2024

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PACKAGING

PACKAGING	CAMPOLIN
Reinforcement	Alsan fleece
Colour	White, On demand: grey, red and terracotta
Packaging	5kg or 20 kg
Pail per pallet	82 or 42

PROPERTIES

PROPERTIES	CAMPOLIN
Consumation	± 600-750 g/m ² per layer with minimum 1,8 kg/m ² in total.
Drying time at 23 °C	Dry to the touch: ± 20-40 minutes Dry: ± 24 hours
Application condition	
Substrate or ambient temperature	5 °C min. to 40 °C max.
Atmospheric moisture	85 % max.
The substrate temperature	must be at least 5 °C above the dew point during application and curing.

PROPERTIES

PROPERTIES	CAMPOLIN
Density at 23 °C	1,30 g/cm ³
Viscosity at 23 °C	>141 KU
Solids content	64-68 %
VOC	< 40 g/l
Tensile strenght (28 days) Dry layer	2,95 Mpa (± 0, 15)
Elongation (28 days) Dry layer	375 % (± 50)
Flexibility at low temperatures Dry layer	No cracks at -15 °C

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APPLICATIONS

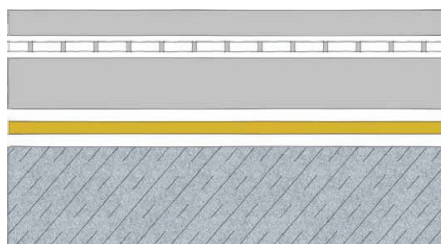
ROOFS

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BUILD UP WHEN USED WITH

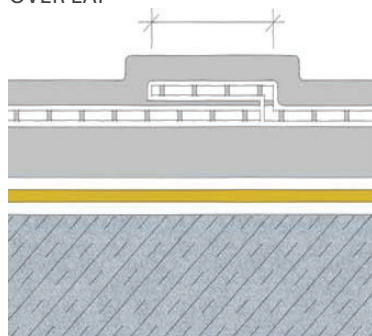


1/3 of CAMPOLIN

2/3 of CAMPOLIN + ALSAN FLEECE on top

Primer, if required

OVER LAP



50mm

There must be sufficient material between the layers of fleece.



STEP BY STEP AT PENETRATIONS

Step 1

Metal, mineral junction areas must be abraded. Loose slate chippings on bitumen sheets are removed with a wire brush.



Step 2

The junction areas must be cleaned. The dust is then 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. The masking tape is also used to decouple joints or delicate material transitions.



Step 3

The embedding layer is applied. A generous amount of material (approx. 2 kg/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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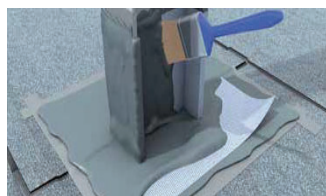
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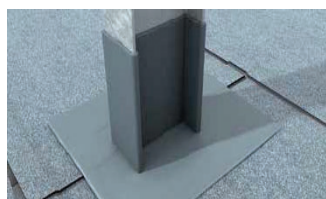
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Step 4

Embedding the fleece and application of second layer of resin. The fleece is placed in the fresh embedding layer. Any air bubbles are removed with a roller. Too little material was applied if any light patches are still visible when the fleece is folded back. It is essential that additional material is applied between the layers of fleece at the points of overlap. Without any interval, the fleece can be covered immediately with another layer of resin approx. 1 kg/m².

Sufficient material must also be applied at the edges along the masking tape.



Step 5

If a different finish is required (grit, slate chippings etc.), an additional topping layer (receiver) must be applied at a consumption rate of approx. 1 kg/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 24 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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