

Product Data Sheet
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FibreTite

FibreTite

Flexible, fibre reinforced waterproofer

Product Description

FibreTite, is a single component, acrylic based, flexible waterproofing compound containing special fibre reinforcement.

Uses

- Flat roofs
- Tiled roofs
- Parapet walls
- Flashing (with G1 membrane reinforcement)
- Overcoating existing roof waterproofing system

Characteristics / Advantages

- Single component – ready to use
- Fibre reinforced – eliminates (in most cases) application of separate reinforcing membrane layer
- Flexible and durable
- Good adhesion to most common, sound, roofing substrates
- Can be over coated with good quality acrylic paint
- No special cleaners required

Tests

Approval / Standards Accelerated Weathering (SABS 182) No change after 2000 hours.

Product Data

Form

Appearance / Colours Thixotropic liquid : Charcoal, Grey, Terracotta, Brown, Red, Black, White and Green.

Packaging 20 litre containers.

Storage

Storage Conditions / Shelf-Life 12 months in original, unopened container. Store in dry area between 5°C and 30°C. Protect from direct sunlight.

Technical Data

Chemical Base Water based Acrylic.

Density ±1,2kg/litre.

Layer Thickness 1 – 2mm



Mechanical Properties

Tensile Strength (ASTM D638) 4,1N/mm²

Elongation at Break (ASTM D638) 40,0%

Tear Strength (ASTM D1004) 16,9N/mm²

Impact Resistance 1,15 joules

Vapour Transmission (ASTM E96) 17g/m²/ day

Hail Resistance (ASTM E822) Remains intact

System Information

System Structure **Primer:** Not normally required. On porous surfaces use Sealobond® Primer.
Coating: FibreTite 2 coats or 2.0 ltr/m²/coat

Application Details

Consumption / Dosage Approximately 1,0 litre per m² per coat. Two coats recommended.

Substrate Quality The surface, must be dry and free of all contaminants, such as oils, grease, coatings and surface treatments etc.
Weak concrete should be removed and surface defects such as honeycombed areas, blowholes and voids must be fully exposed.
Repairs to substrate, filling of blowholes/voids and surface levelling, should be carried out using the appropriate product from the Sikafloor®, Sikadur® and Sikagard® range of materials.

Substrate Preparation / Priming All surfaces must be clean, sound, dry and properly cured. Remove all loose materials mechanically, with a wire brush, or by water or sand blasting. Iron and steel surfaces should be free of rust.
For wooden roofs and, in particular T & G boarding, the entire area to be waterproofed, should be covered with 2-ply roofing felt, kept in position by galvanised clout nails and/or a suitable adhesive.

Application Conditions / Limitations

Substrate Temperature Min. 5°C – Max. 30°C.

Ambient Temperature Min. 5°C – Max. 35°C.

Substrate Humidity < 10 %

Relative Air Humidity < 80 %

Dew Point Substrate temperature, must always be at least 3°C above the measured dew point.

Application Instructions

Application Method / Tools

- Step 1** Apply suitable primer if required.
- Step 2** Apply a generous base coat (1Ltr/m²) of FibreTite evenly by brush, roller or soft broom and allow to dry for at least 4 hours or until touch dry.
- Step 3** When touch dry, apply a top coat (1Ltr/m²) evenly and at right angles to the base coat. Additional coats may be applied as necessary.
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Cleaning of Tools

Remove uncured FibreTite with water. Cured material can only be removed mechanically.

Waiting Time / Overcoatability

Temperature	Time (hours)
10°C	8 hours
20°C	4 hours
30°C	3 hours

Touch dry: 2 – 3 hours depending upon ambient conditions.

Notes on Application / Limits

Concrete should be a minimum of 28 days old and the moisture content less than 10% before application.

If steel is previously coated, contact our Technical Department.

Protect from rain until dry. Failure to do so will lead to the product being washed away and possible staining of the surrounding surface area.

DO NOT ATTEMPT APPLICATION IF RAIN IS IMMINENT.

Under applying the product could lead to poor performance of the waterproofing system.

Apply a rejuvenation coat (as in step 3) annually to ensure the integrity and longevity of the system and in compliance to warranty guidelines.

Local Restrictions

Please note, that as a result of specific local regulations the performances of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Health and Safety Information

Protective Measures

Contact with skin and eyes must be avoided.

Ecology

Transportation Class

Important Notes

Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet.

Toxicity

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. The purchase of the product is subject to our terms and conditions which are accessible on www.sika.co.za. Users must always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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