

PRODUCT DESCRIPTION: Fibweather is a unique elastomeric high build coating based on a revolutionary acrylic polymer with quick-set capabilities to resist premature moisture attack. Fibweather provides anti carbonation, durability, low temperature flexibility, excellent resistance to weathering and dirt pick-up(Anti dust). Because of a unique UV cross-link curing mechanism, Fibweather becomes more durable with age. It is easy to apply and is environmentally safe and non-polluting.

AREAS OF APPLICATION

Waterproofing liquid membrane for:

- Foundations
- Floor slabs
- Suspended floors
- Balconies
- Patios
- Bathrooms
- Inspection pits
- Inverted roofs
- Planter boxes
- Tunnels

ADVANTAGES

Fibweather will provide:

- Highly elastic,
- Seamless film over concrete and metal, built-up roofing, new urethane foam and concrete.
- Heat reflective and ultraviolet resistant
- Protects against mild acid and alkali fumes and most airborne chemicals.
- APPLICATION on slopes, roofs or vertical walls sufficient to permit drainage.
- Protection against water entry.
- Excellent CO₂ diffusion (carbonation) resistance.

APPLICATION METHODOLOGY

Surface preparation

Clean roof surface and other of all loose gravel, dirt and foreign matter with high-pressure wash. Prior to application, torn flashings, loose brick, faulty copings or parapet walls shall be repaired. Large blisters and surface breaks shall be slit and opened for the release of entrapped moisture then cemented.

MIXING

No need to premix but Stir well before using

PRIMING

Prime the highly absorbent and brittle surfaces with EVERSIL PRIMER. Allow the primer to cure according its technical instruction.

APPLYING AND LAYING

Pour the FIBWEATHER onto the prepared and primed surface and lay it out by roller, brush until all surface is covered. You can use airless spray allowing a considerable saving of manpower.

MAINTENANCE

It is recommended that the coating installation be checked on a regular schedule with additional inspections after the system has been exposed to severe weather conditions. Recoating may be necessary at regular intervals depending upon the severity of conditions. Small area touch up can be made at any time by following application procedures recommended.

CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

TECHNICAL SPECIFICATIONS

| | | | | |
|--|--|--------|--------|--------|
| Appearance | Off white liquid | | | |
| Density | 1.30 ± 0.02gms/cc | | | |
| Viscosity | 7000 – 9000 cps | | | |
| Solids by weight | 65% ± 2% | | | |
| Estimated Coverage | 400 gms/sqm for 200 microns DFT Including primer coat (Can be applied at higher Thickness if required) | | | |
| Application temperature | About 15 to 35°C | | | |
| Dry time | 6 hrs | | | |
| Recoat | 6 - 24 hrs. (Depending on climatic conditions) | | | |
| Film type | Breathing but resistance to liquid water | | | |
| Elongation (ASTM D412) @ 27°C | 400% | | | |
| Tensile Strength: (ASTM D412) | 1.70 MPa | | | |
| Tear resistance (N): (ASTM D624-73) | 8 | | | |
| Water vapour transmission: 1.3 mm film (g/m ² /d) | 9.5 | | | |
| Initial hardness (Shore A): (ASTM 2240 - 86) | 30 | | | |
| | Unit | Film 1 | Film 2 | Film 3 |
| Dry film Thickness | μ | 220 | 603 | 1350 |
| CO ₂ permeability | g/m ² xd | 2 | 1 | 0.5 |
| Sd | m | 128 | 249 | 498 |

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Fibweather is for industrial use and not recommended over tar surfaces, glazed tile, silicone based coatings, dead level roofs, immersion service, below grade or interior use. Do not apply at temperatures below 15°C or when rain is forecast.
- Application during periods of low temperature or high humidity will extend dry time.
- Do not apply FIBWEATHER to asphalt, weak or infirm concrete, unmodified sand-cement screeds, PVC tiles or sheets, or substrates known to move substantially.
- Do not apply FIBWEATHER over treated expansion joints.

Please contact FIBREX for installation of floor coating over

- Oil / Fat rigged floors
- Asphalt based surface (interior)
- Floors with a pull off strength less than 1.5 N / mm²

PACKAGING

FIBWEATHER is available in 5 kg can and 20 kg bucket.

STORAGE

Store the material at temperatures between + 5° C and + 40° C in originally sealed packages, the material can be stored for 6 months. But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

FIBREX OTHER PRODUCTS – WE DO

