

Barrier Aqua bitumen fibre

A polymer modified anionic bitumen emulsion containing a synthetic fibre.

Benefits

- Versatile rubberised waterproofing compound
- Easy to apply
- Non-toxic

About this product

Weber Barrier aqua bitumen fibre is a polymer modified anionic bitumen emulsion containing a synthetic fibre. The fibre enables the product to form a continuous waterproofing layer without the inclusion of a membrane.

Once completely dry the product becomes highly resistant to swelling or re-emulsification, a problem associated with other water based systems.

Features and Benefits

- Easy to apply
- Recommended for all tile & metal sheeting roofs
- Membrane free

Uses

For water proofing of the following:

- Detail work & maintenance on torch on systems
- All roofing details – flat & pitched
- Fish ponds, water features & water-retaining structures (use a cementitious slurry as a primer)
- Tanking, foundations & planter boxes

Constraints:

Not resistant to aromatic and aliphatic hydro-carbon solvents - diesel or petrol



Technical Data

Application	Brush or roller
Total solids	+/- 55%
Specific gravity	+/- 1.08
Viscosity	150 Krebbs units at 25°C
Water vapour permeability	+/-1.5g/m ² /24hr /mm
Flash point	None, water based
Drying time	Stipulated below
Cleaning	Water when wet. White spirits when dry
Flammability	Non-flammable
Chemical resistance	Resistant to mild acid and alkali solutions. Not resistant to aromatic and aliphatic hydro-carbon solvents - diesel or petrol
Colour	Chocolate brown when wet, black when dry

Weber Barrier aqua bitumen

Preparation

All forms of surface contamination must be removed to ensure a smooth surface, free of moisture and any loose material, or any other barrier to adhesion.

Steel and galvanised steel surfaces must be free of loose paint, grease, grime, oil and rust.

Priming

All non-metal surface – use a 50% **Weber Barrier aqua bitumen fibre** and clean water mix to prime the entire surface, allow a 30-minute drying time. On metal surfaces – Prime with rust inhibiting primer.

Mixing

Product is to be mixed well prior to use to ensure consistency of the product being used.

Application

Weber Barrier aqua bitumen fibre can be applied by means of a brush or roller at a total rate of 1 – 1.2L/m². In areas of significant movement **Weber Barrier aqua bitumen fibre** can be used in conjunction with a waterproofing membrane. Not recommended for lightweight screed applications.

After allowing the final **Weber Barrier aqua bitumen fibre** coating a minimum drying period of one full day the Bituminous aluminium paint may be applied. The coating should not be applied later than one week of the final **Weber Barrier aqua bitumen fibre** application.

Using a paint roller apply **bituminous** aluminium paint. The product must not be applied under wet conditions and the drum once open must be protected against moisture. Failure in doing so will result in a dull coppery appearance.

NOTE: **bituminous** aluminium paint should be well stirred before use and should be stirred periodically during application to ensure a consistent appearance.

The completed system has a very bright silver appearance, which ensures excellent U.V. protection. Owing to the flexibility differential between the bituminous aluminium paint and **Weber Barrier aqua bitumen fibre** imperfections in the coating may develop. This is not abnormal and generally does not redevelop after the first maintenance coat. The completed system is suitable for occasional light foot traffic only. However full resistance develops over a period of days and it is therefore critical that excessive ponding not be anticipated when using this system.

Note: drying times are based on a temperature of 25°C min. and a R.H. of 60% max.

Drying time

Between coats: Minimum 45 minutes at 25°C at 65% R.H

Last coat: 2-3 hours before resistant to rain

The completed system is resistant to rain after a period of 3 hours.

Maintenance

A maintenance re-coat of the bituminous aluminium paint is recommended after 3 years.

Packaging

Weber Barrier aqua bitumen fibre is available in 5L.

Storage and shelf life

Storage is to be in a dry place at temperatures below 40°C and away from direct sunlight. **Weber Barrier aqua bitumen fibre** should be well sealed in original containers to prevent evaporation of water and the formations of the skin on the surface.

It is also required that the storage area be aired well ventilated, fresh and dry storage rooms or warehouse and protected against frost. A storage period of not more than 12 months under these conditions is recommended.

Safety Instructions

Refer to the **Weber Barrier aqua bitumen fibre** Material Safety Datasheet (MSDS).

Guarantee

We agree that **Weber** products meet the product specification and will be free from any defect. Any guarantee with regard to the performance of **Weber** products will be subject to professional and practical application of **Weber** products in accordance with our instructions and specifications.

However, we have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain advice. Should our product prove defective, we undertake to replace the defective material. This guarantee will fall away in the event of **Weber** products being contaminated by the addition of any non-recommended products. **Weber** will not be liable for any injury, loss or damage (direct or consequential) relating to the use (or inability to use) our products.

Technical services

Weber has a team of experienced advisors available to provide technical support. Technical helpline: **08600 WEBER (93237)** or visit www.za.weber