

Weber Barrier Aqua bitumen

A polymer modified anionic bitumen emulsion, which is used to impregnate a suitable geofabric thus forming a continuous waterproofing membrane.

Benefits

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

About this product

Weber Barrier aqua bitumen can be used on all roof details (flat or pitched), fish ponds, water – features, water retaining structures and foundation walls.

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



EASY TO APPLY



STIR BEFORE USING



READY TO USE



HAND APPLICATION



Technical Data

Application	Brush, roller or spray
Coverage	1.0L/m ² (depending on surface porosity)
Total solids	+/- 55%
Specific gravity	+/- 1.08
Viscosity	110 -115 Krebbs units at 25°C
Water vapour permeability	+/-3.5g/m ² /2hr /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** 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

Apply at the rate of 1L/m² undiluted **Weber Barrier aqua bitumen** and immediately embed the SBP Geo-Fabric into the wet product ensuring no creases or folds in the material.

Work the membrane into the **Weber Barrier aqua bitumen** using a brush. Product should be evident “striking through” the membrane and if this is not the case, too little product has been applied or the product has been allowed to dry before embedding the membrane.

At this point the bedding coat for the second run of membrane can be applied. Apply the second run of membrane into the bedding coat in the same manner ensuring an additional coat at 1L/m² between the 2 layers of membrane at the 100 mm overlap.

After allowing a minimum drying period of 45 minutes. Apply a second coat **Weber Barrier aqua bitumen** at the rate of .75L/m². Allow a minimum of 45 minutes drying period.

Apply a further final coat of **Weber Barrier aqua bitumen** at the rate of .75L/m². It will be noted that a total of 2.5L/m² of **Weber Barrier aqua bitumen** has now been applied. The minimum weight of the membrane alone shall be 100g/m². The total weight per m² shall therefore be 1.5 kg

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

Maintenance

A maintenance re-coat is recommended after 3 years.

Packaging

Weber Barrier aqua bitumen 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** 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** 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