

Weber Barrier acrylic essential

A highly flexible liquid applied emulsion

Benefits

- UV stable and resistant
- Non-toxic
- Available as a kit



About this product

Weber Barrier acrylic essential is a highly flexible liquid applied emulsion. Must be used in conjunction with a stitch bonded polyester, SBP, membrane.

When reinforced with stitch bonded polyester, it forms a homogeneous seamless waterproofing system. **Weber Barrier acrylic essential** in conjunction with stitch bonded polyester is suitable for; flashings, parapet walls, properly graded roof decks, lap joints, roofing screws and many other waterproofing details.

Features and Benefits

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

Uses

For water proofing of the following:

- Pitched roofs - tiled, slate, iron & timber, as well as cracked tiles, tile joints & roof ridges
- Parapet walls, flashings & small flat roofs (<20m²)

Use as a maintenance coat on existing acrylic waterproofing systems including chimneys & skylights

Constraints:

- Not to be used on Bitumen Waterproofing Products.



Technical Data

Application	Brush, roller or spray
Coverage	2.0L/m ² - 2.5L/m ² (depending on surface porosity)
Total solids	+/- 55%
Specific gravity	+/- 1.2
Viscosity	100 Krebbs units at 25°C
Drying time	Stipulated below
Cleaning	Water when wet. Ethyl acetate when dry
Flammability	Non-flammable

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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 surfaces – use a 50% **Weber Barrier acrylic essential** and clean water mix to prime the entire surface, allow a 30-minute drying time. An acrylic bonding liquid may also be used. On metal surfaces – Prime with a rust inhibiting primer and allow 4 hour drying time.

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 acrylic essential**, 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 acrylic essential** 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, if required. 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 30 minutes, apply a second coat **Weber Barrier acrylic essential** at the rate of .75L/m².

Apply a further final coat of **Weber Barrier acrylic essential** at the rate of .75L/m². It will be noted that a total of 2.5L/m² of **Weber Barrier acrylic essential** 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 30 minutes at 25°C at 65% R.H

Last coat: 2-3 hours before resistant to rain

Full cure: 12-20 hours at 25°C at 65% R.H

Maintenance

A maintenance re-coat is recommended after 3 years.

Packaging

Weber Barrier acrylic essential is available in 5L.

Storage and shelf life

Storage is to be in a dry place at temperatures below 30°C and above 0°C. **Weber Barrier acrylic essential** should be well sealed to prevent evaporation of water and the formations of the skin on the surface. A storage period of not more than 6 months under these conditions is recommended.

Safety Instructions

Refer to the **Weber Barrier acrylic essential** 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