

# DURACON BFK

## Binder for vertical applications

February 2024

**PRODUCT:**

Duracon BFK is an especially modified resin for the application of concave and right-angled coves. Every Duracon resin can be modified in a BFK version.

**USAGE:**

Duracon BFK is first made thixotropic and is used as a binder for all vertical applications (e.g. coves). It should only be used with fillers. Coatings of this type must always be treated with a Duracon sealer.

**STANDARD PACKS:**

180 kg steel drums, 50 kg metal pails.

**SHELF LIFE:**

6 months when stored in a cool and dry place and in original sealed packaging. The optimal storage temperature is 15-20°C.

**SURFACE PREPARATION:**

The area to be coated, must be pretreated with a Duracon primer including sanding. The substrate must be dry, firm, solid and free of dust, fat and oil. All substances that can interfere with proper adhesion should be removed.

**MIXING:**

Prior to use Duracon BFK must be carefully stirred to achieve a uniform distribution of the paraffin contained in the product. As a thixotropic agent add 3.0% of Sylothix 51 or HDK.

Note: Weight to Volumetric conversion of thixotropic agent.

1 cm<sup>3</sup> of thixotropic agent weighs 0.05 g

1 g of thixotropic agent= 20.0 cm<sup>3</sup>

Duracon BFK is thoroughly mixed together with the Duracon Catalyst (50% dibenzoyl peroxide), in accordance with the following guidelines.

It should be noted that the amount of catalyst powder to be added depends upon the temperature.

At 30°C:	Add 1% by weight of resin
At 20°C:	Add 2% by weight of resin
At 10°C:	Add 4% by weight of resin
At 0°C:	Add 5% by weight of resin
Below 0°C:	Add 5% by weight of resin and additionally add an accelerating agent.

**APPLICATION:**

After the catalyst has been stirred in, then filler is added and stirred in. Immediately after mixing together, the material must be applied and smoothed out with a suitable trowel. For easier smoothing the trowel should be moistened with Duracon 405 smoothing aid (see individual Technical Data Sheet).

**CONSUMPTION:**

Right-angled cove, height 5cm: approx. 0.6 kg/per metre, concave cove, height 5 cm: approx. 0.5 kg/per metre.

**HEALTH AND SAFETY:**

Suitable protective clothing, gloves and safety goggles must be worn during mixing and application of Duracon BFK. In case of contact with eyes, rinse immediately for a long period of time and consult a physician. In case of contact with skin, clean immediately with water and soap.

Duracon BFK is highly flammable; keep away from heat and all sources of ignition and do not smoke. The stirrer as well as all the other electric appliances used on the application site must be explosion-proof versions. For further information see our Material Safety Data Sheet.

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### WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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### MANUFACTURERS CONTACT DETAILS:

Manufacture location	Australia
Legal and trading name of manufacturer	Tremco CPG Pty Ltd.
Manufacturer address for service	12/4 Southridge Street, Eastern Creek, NSW 2766, Australia
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