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PRODUCT
DATA
SHEET

Duracon® BfK

The basic resin for concave & right-angled coves & all vertical application of Duracon® flooring systems.

Product Information:

Description:

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. Most commonly used is Duracon® 202 BfK (colourless).

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 (e.g. Duracon® 301).

Packaging:

180 kg steel drums, 50 kg metal pails.

Shelf Life:

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

Usage Guidelines:

Substrate Preparation:

The area to be coated, must be pretreated with a Duracon® primer (e.g. Duracon® 101) 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 cm³ of thixotropic agent weights 0.05 g
1 g of thixotropic agent= 20.0 cm³

Duracon® BfK is thoroughly mixed together with the Duracon® Catalyst (50% dibenzoyl peroxyde), 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 Duracon® 404, which is 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 & 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.

Guarantee:

RPM/Belgium N.V. and Alteco Technik GmbH warrant all goods to be free from defects and will replace materials proven to be defective.

The information and recommendations herein are believed by RPM/Belgium N.V. and Alteco Technik GmbH to be accurate and reliable.

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