

Product reference: 3/03

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Product title: Corrocoat Flexires

Valid from: 10th January 2000

Last reviewed: May 2016

Type

A highly flexible two-pack polyester glassflake resin with good elongation.

Suggested use

Applications where high flexibility and elongation are necessary. Used for crack bridging, between joints where movement can be expected or coating bellows etc. May be used to repair other flexible linings and rubbers and for adding impact resistance. Flexires should, where possible, be used with flexible reinforcing materials such as glass cloth and woven roving, to produce strong, flexible membranes; these can be free standing if required. Can be over-coated with Flexicoat for better corrosion protection.

Limitations

Not suitable for service in aggressive chemical environments. For use in immersion conditions limited to 60deg C. Please refer to Corrocoat Technical Services for advice.

Health & safety

Read and observe the Health & Safety data sheet prior to use.

Surface preparation

Grit blast to SIS 05 5900 Sa 2½ standard. Refer to Corrocoat data sheet SP1.

Application equipment

Brush or special roller.

Application

Dependent upon environment, Corrocoat FR is normally applied in wet film thicknesses around 300 to 800 microns. Should multiple coats be necessary the previous coat must

be washed with styrene to remove any wax present at the surface.

Mixing ratio

98:2 Base to hardener.

Catalyst type

Methyl Ethyl-Ketone Peroxide Catalyst P2

Pot life

35-40 Minutes at 20°C. This will vary dependent upon temperature. Do not use inhibitor in this product without first consulting Corrocoat UK.

Thinners

The addition of thinners of any kind, including styrene, to this product will significantly detract from its properties and **is strictly prohibited.**

Packaging

5 Litre or 20 litre composite kits.

Colour availability

Amber Resin, which can be coloured using sparing amounts of polyester pig-ment paste.

Recommended DFT

350-1000 Microns, dependent upon application.

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Overcoating

May take place as soon as the previous coat is tack free.
The surface wax must be removed prior to application.

Cure time

Full cure, approximately 5 days.

Cleaning solvent

Acetone, Methyl Ethyl Ketone or Methyl Iso Butyl Ketone

All values are approximate.

Reviewed 10/2001 (No changes)
Reviewed 02/2014 (No changes)
Reviewed 05/2016 (No changes)