Product reference: 3/03  

Product title: Corrocoat Flexires  

Valid from: 10th January 2000  

Last reviewed: September 2019  

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 60°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 ISO 8501-1 SA 2½ or equivalent 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 pigment paste.

Recommended DFT  
350-1000 Microns, dependent upon application.
CORROCOAT

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Overcoating
May take place as soon as the previous coat is tack free.

Cure time
Full cure, approximately 5 days.

Cleaning solvent
Acetone, Methyl Ethyl Ketone or Methyl Iso Butyl Ketone

Reviewed 05/2019
Revised 09/2019

All values are approximate. Physical data is based on the product being in good condition before polymerisation, correctly catalysed and full cure being attained. Unless otherwise stated, physical data is based on a test temperature of 20°C, test results may vary with temperature. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.