

Product reference: 3/36

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Product title: Corrofill 'E'

Valid from: 30th December 1999

Last reviewed: May 2019

### Type

A general-purpose two or three pack epoxy filler, grout and repair compound.

### Suggested use

As a non-shrink filler and repair compound, which can be overcoated with either an epoxy or polyester/vinyl ester top coat. It may also be used as a standalone grouting or filling compound.

### Health & safety

Consult the Health & Safety data sheet prior to carrying out any work with this product.

### Surface preparation

For the best result, the surface should be blast cleaned to SSPC-SP10 (ISO8501-1 Sa 2½) with a 3 mil (75micron) profile. If grit blasting is not possible the surface should be degreased, loose material removed and the surface roughened to obtain a suitable key.

### Application equipment

Short hair stiff brush, trowel, float or mastic type gun.

### Mixing

Remove the lids from both the base and activator. Add between 1% and 2% of adhesion promoter to the base and mix in thoroughly. Add all of the activator to the base and mix thoroughly, ensuring no unmixed material remains. Remove all the mixed material from the base tin and re-mix on a clean flat surface or in a clean shallow receptacle.

This product has a relatively short pot life, mix only as much material as you can apply within this period.

### Application

This material is intended for use as a filler or grouting material

and can be built up to the required film thickness. It should, where possible, be applied over a primer layer or correctly prepared substrate. Application of films greater than 6mm in one coat should be avoided, to prevent excessive exotherms during cure. Incorporation of the adhesion promoter will substantially improve the bond in all cases, both intercoat and to the substrate.

### Mixing ratio

2 Parts base to 1-part activator by weight.

### Pot life

40 Minutes at 68°F (20°C), shorter at higher temperatures and longer at lower temperatures. **DO NOT APPLY AT TEMPERATURES BELOW 41°F (5°C) OR WHEN SUBSTRATE TEMPERATURE IS LESS THAN 37°F (3°C) ABOVE DEW POINT.**

### Thinners

**DO NOT THIN.** Addition of solvent will detract from the performance of this product.

### Packaging

1 Gallon and 5 Gallon Kits.

### Storage life

2 years minimum in unopened tins, stored at 41-104°F (5°C-40°C).

### Color

Grey.

### Specific gravity

0.04lbs/cubic inch (1.14 - 1.25 gcm<sup>-3</sup> (mixed))

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### Volume solids

100%.

### Practical spreading rate

Approximately 36-38 sf per gal (0.90 - 0.95m<sup>2</sup>/litre) @ 1mm DFT.

**NOTE:** This information is given in good faith but may increase dependent upon environment conditions, the geometry and nature of work undertaken and the skill and care in application. Corrocoat accepts no responsibility for any deviation from these values.

### Overcoating

There is no minimum overcoating window. The next coat can be applied as soon as previous coat has gelled enough to support its own weight.

Maximum overcoating window: Up to 96 hours at 68°F (20°C) are acceptable.

### Flash point

Greater than 212°F (100°C).

### Activator type

Modified Amine.

### Chemical resistance

Good.

### Mechanical resistance

Good.

### Mechanical strength

Excellent.

### Cleaning solvent

Xylene, Toluene, Methyl Ethyl Ketone, Corrocoat Epoxy Equipment Cleaner.

Reviewed 10/2007 (No Changes)

Reviewed 05/2016 (No Changes)

Revised 05/2018

Revised 05/2019

Revised 08/2024

All values are approximate. Physical data is based on the product being in good condition before polymerization, correctly catalyzed and full cure being attained. Unless otherwise stated, physical data is based on a test temperature of 68°F (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.