CORROCOAT

RENDERPOL

TYPE:	**A GENERAL-PURPOSE TWO OR THREE PACK EPOXY FILLER,** TYPE: A TWO-PACK COLD CURED POLYESTER SCREED, FILLER AND REPAIR COMPOUND.
SUGGESTED USE:	As a re-surfacer and repair compound for concrete, brick and metallic substrates. The product may be used with reinforcement mesh where necessary to ensure the integrity of severely damaged components and as an aid to bonding. Typical areas of work include pit filling, drain interceptors, gullies etc.
LIMITATIONS:	Not suitable for immersion in some highly polar solvents, demineralised water, extremes of pH values or immersion temperatures above 50°C.
HEALTH & SAFETY:	Before handling or using this product, the material safety data sheets should be read, and all precautions observed.
SURFACE PREPARATION:	Dependent upon application and usage: Concrete substrates should generally be prepared in accordance with data sheet SP5 but other methods may be applicable, please consult Corrocoat UK. For best results on metallic substrates, these should be grit blasted to SA 2.5 with a minimum 50micron profile and primed. This product should preferably be applied over PPA primer or the first coat of other Corroglass/Polyglass series material. Where normal preparation procedures are not practical and bonded reinforcement mesh can be used, it is acceptable to apply the Renderpol directly on to the surface provided the surface is clean, free from water and dust. This is typical of interceptor work where in effect, a tank within a tank is built.
APPLICATION EQUIPMENT:	Stiff Brush or trowel or scraper blade.
MIXING RATIO:	98: 2 PBW base to organic peroxide.
CATALYST TYPE:	Use catalyst P2 or below 10°C for best results use catalyst P4.
MIXING:	Weigh out only the proportion of material that can be used within the pot life and place into a mixing container. Measure the correct proportion of catalyst for the amount of base and carefully add this to the base using a suitable clean implement. Mix thoroughly then add dye if required and mix to an even colour. After stirring it is essential to remove the contents from the mixing container into a shallow receptacle and remix.
APPLICATION:	Using a trowel or stiff brush, the catalysed material should be vigorously worked into the surface profile, ensuring that the maximum possible surface area is wetted out. Following wet out, the coating thickness may be built up using a stiff brush or trowel. The material may be applied at DFT's of up to 6mm without sagging on a vertical surface. Material may be applied up to 20mm when used as a grouting compound at and below 20°C. Wire mesh should be used as reinforcement in severely damaged areas or when rebuilding work is required, laminating or other reinforcement techniques may be used as appropriate.

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POT LIFE:	55-65 Minutes at 20°C. Pot life will be shorter at higher temperatures and longer at lower temperatures. Where high temperatures are encountered, refrigerate material before use or else seek the advice of Corrocoat UK.
THINNERS:	**DO NOT THIN**. **NO DILUENT OR THINNER MAY BE USED.** The addition of styrene may adversely affect the performance of this product and shall not be considered without consulting Corrocoat UK.
PACKAGING:	5, 10 or 20 litre drums
STORAGE LIFE:	12 Months maximum, when stored at temperatures below 20°C and away from radiating heat sources and direct sunlight.
COLOUR:	Dark Grey
THEORETICAL SPREADING RATE:	1.25 kg/m² @ 1mm DFT
VOLUME SOLIDS:	99.8%
PRACTICAL SPREADING RATE:	Regular surfaces, e.g. new steel - 1.9kg/m² @ 1mm DFT Irregular surfaces, e.g. pitted steel - 3kg/m² @ 1mm DFT **Note:** This information is given in good faith but may vary dependent upon environment conditions, the geometry and nature of work undertaken and the skill and care of application. Corrocoat accept no responsibility for any deviation from these values.
SPECIFIC GRAVITY:	1.25 gcm $^{-3}$
FLASH POINT:	28°C
HARDNESS:	Minimum 35 Barcol (ASTM) Standard D-2583
OVERCOATING:	May take place as soon as the previous coat has gelled sufficiently to resist movement of next application and whilst still tacky. Maximum overcoating without treatment is 4 days @ 20°C (shorter at ambient temperatures above 30°C).
CURE TIME:	At 20°C, 90% cure will be attained in 8 hours. Full cure for chemical resistance will require 6 days @ 20°C. Cure times may be shortened and the degree of final cure improved by post curing at elevated All values given are approximate.

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