

TYPE:	A HARDWEARING SLIP-FREE THREE-PACK SOLVENT FREE POLYAMINE CURED EPOXY SCREED, RESISTANT TO STRONG CONCENTRATIONS OF SULPHURIC AND OTHER ACIDS.
SUGGESTED USE:	As a hardwearing slip-free screed. Primarily for coping with strong concentrations of sulphuric acid, this product can also be used for other acids and in some strong alkali service duties. Applications include bund areas, tanks, pipe work, floors, decking, structural steel etc.
HEALTH & SAFETY:	Before handling or using this product, the material safety data sheet should be read and all precautions observed.
SURFACE PREPARATION:	<p>Metallic Substrates: The surface should be grit blasted to Swedish Standard SA 2.5 and blast residues removed in accordance with normal surface preparation procedures. Plasmert AR3 should be used as a primer under the AR3 Screed. Over-coating times should be strictly adhered to except on the advice of Corrocoat Technical staff. It is essential that AR3 should be applied with stripe coating between each main coat to all welds edges and corners.</p> <p>Concrete Substrates: Plasmert AR3 Screed resin and hardener should be used as the prime coat. Concrete to be prepared as per data sheet SP5.</p>
APPLICATION EQUIPMENT:	Trowel, float or scraper.
APPLICATION:	<p>Plasmert AR3 is designed for applications over correctly primed substrates. Wet film thicknesses of between 4 and 8 mm per coat are recommended. Dependent upon environment and service conditions, total dry film thicknesses will be in the order of 5 to 8mm. Where required the Plasmert AR3 Screed resin and hardener may be used as a sealer over the applied screed.</p> <p>Plasmert AR3 Screed should not be applied at ambient or substrate temperatures below 5°C. Surface temperature must be at least 3°C above the dew point and RH above 85%.</p>
MIXING:	Remove the lids from the base and the activator. Pour all the activator into the base and mix thoroughly. Ensure that no unmixed activator remains. It is essential that a power mixer is used to mix the base and activator. Once the mixture is completely homogenous, incorporate the aggregate as soon as possible and mix thoroughly.
MIXING RATIO:	Base 2:1 Activator Aggregate 3: 1 mixed base and hardener By weight

POT LIFE:	Approximately: 50 minutes at 20°C. (Note this will vary with temperature, the temperature of the aggregate will have a dramatic effect on the pot-life of the mixed product.)
OVERCOATING TIME:	No minimum value. Product may be re-applied as soon as the previous coat of AR3 has gelled sufficiently to support the weight of the next coat and logistics allow. Maximum value 60 Hours at 20°C. Exponentially shorter at higher temperatures.
DRY/CURE TIME:	Tack-free time 5 hours at 20°C. Time to full cure 7 days. May be subjected to foot traffic after 24 hours Values will vary dependent upon to temperature. For optimum performance this product should be post cured prior to service.
THINNERS:	Do not use solvents or thinners with this product. The use of solvents or thinners will dramatically reduce the performance in concentrated acids.
STORAGE LIFE:	2 years minimum in unopened tins, stored at 5°C-40°C.
COLOUR AVAILABILITY:	There may be some discolouration of the screed after contact with strong acid, discolouration will normally occur within a few days, but this does not affect the corrosion protection offered by the coating.
VOLUME SOLIDS:	100% Polymerisable solvent free. Dry film thickness will vary from wet film thickness dependent upon cure conditions which affects ultimate density. It is advisable when calculating consumption figures to allow a minimum of 10% extra for this.
THEORETICAL SPREADING RATE:	0.2m ² /litre at 5mm DFT. Practical coverage values vary dependent upon environmental and application conditions, surface profile, geometry of work and operator technique. An appropriate loss factor must be taken into account. Corrocoat accept no liability for any differences in calculated values or spreading rates obtained.
SPECIFIC GRAVITY:	Base: 1.18 gcm ⁻³ Hardener: 1.10gcm ⁻³ Mixed: 1.15 gcm ⁻³ (resin and hardener)
CLEANING SOLVENT:	Xylene, toluene, Corrocoat Epoxy Equipment Cleaner.

All values are approximate but data is given in good faith without guarantee or liability.

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