

TYPE:	A two-pack cold cured vinyl ester Laminating Resin.
SUGGESTED USE:	Use in conjunction with CSR laminating cloth.
LIMITATIONS:	Not suitable as a protective coating without glass reinforcement, to be used in conjunction with other CSR materials.
HEALTH & SAFETY:	Before handling this product the material Health & Safety Data Sheet should be consulted and all precautions observed. Only to be applied by competent, adequately trained personnel.
SURFACE PREPARATION:	Corroglass CSR 1 should only be applied over surfaces blasted and primed with Corroglass CSR 2.
MIX RATIO:	Corroglass CSR 1 can be catalysed by a 2% weight addition of Corrocoat catalyst type P2.
MIXING PROCEDURE:	<p>Material is supplied in kits, each consisting of the base component (large tin) together with the appropriate amount of catalyst (plastic bottle). Add 1 bottle of catalyst to a tin of base material and agitate. Ensure <b>all</b> material is thoroughly mixed especially the bottom <b>corner of tin</b>.</p> <p>Note: Where kits are broken down into smaller kits for ease of application, appropriate and accurate scales must be used. Guessing and estimating weights is <b>forbidden</b>.</p>
APPLICATION EQUIPMENT:	Brush or roller.
POT LIFE:	Approximately 20-30 minutes at 20°C. Pot life will reduce <b>substantially</b> with increase in temperature and extend with decrease in temperature. Inhibitor is available to extend pot life for hot climates. Mix inhibitor well and before catalyst.
STORAGE LIFE:	6 Months stored at temperatures below 24°C and away from direct light and sources of heat.
COLOUR:	Translucent brown.
RECOMMENDED DFT:	Dependent upon application and the numbers of layers required by ISO 24817 design data.
VOLUME SOLIDS:	This material contains volatile liquid convertible to solids. Actual volume solids obtained will vary dependent upon polymerisation conditions. Nominally greater than 99% of the contents are convertible to solid.

PRACTICAL SPREADING RATE:	Circa 0.75-1.00 litre/m <sup>2</sup> when using CSR laminating cloth.  <b>Note:</b> This information is given in good faith but rate may <b>vary significantly</b> dependent upon environmental 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.
PACKAGING:	1, 5 and 20 Litre pails.
SPECIFIC GRAVITY:	Corroglass CSR 1 base 1.065 gms/cc
OVERCOATING:	It is important to observe maximum overcoating times for CSR1 and CSR2 and note these <b>will vary significantly</b> with climatic conditions. Overcoating for both materials may take place as soon as the previous coat has gelled sufficiently to bear the weight of the next coat and whilst still tacky. Maximum overcoating interval for CSR1 and CSR2 is 48 hrs at 20° C. For longer intervals than this refer to Corrocoat TSD for advice. Best inter-coat adhesion characteristics are obtained by short overcoating intervals.
CURE TIME:	Full cure will be obtained in 4-6 days.
THINNERS:	<b>THIS PRODUCT SHOULD NOT BE THINNED.</b> The use of solvent thinners will adversely affect performance and under no circumstances must they be used.
CLEANING SOLVENT:	Acetone, Methyl Ethyl Ketone and Methyl Iso Butyl Ketone prior to gelation.

All values are approximate. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.