

# CORROCOAT

## EPOXY LAMINATING RESIN

TYPE:	A LOW VISCOSITY TWO-PACK EPOXY RESIN FOR USE WITH REINFORCING MATERIALS FOR LAMINATING AND CONSTRUCTION.
SUGGESTED USE:	<p>As a laminating resin, used in conjunction with multi directional roving or other reinforcing materials.</p> <p>Corrocoat Epoxy Laminating Resin may be over-coated with any of the Plasmert or Corrocoat Epoxy products; it has excellent structural properties.</p>
LIMITATIONS:	Should not be applied at temperatures below 5°C, where dew point is within 5° of air temperature or where humidity conditions exceed 87%.
HEALTH & SAFETY:	Read and observe the Health & Safety data sheet prior to use.
SURFACE PREPARATION:	<p>Corrocoat Epoxy Laminating Resin (ELR) may be applied directly on to correctly prepared steel substrates, grit blasted to SIS 05 5900 SA 2.5 standard. Full instructions are in the Corrocoat Data Sheets SP1 and SP2. ELR may also be applied over other Corrocoat epoxy products.</p> <p>For best results on concrete it is recommended the substrate is primed using Plasmert ECP before application of reinforcement.</p>
MIX RATIO:	100 Parts base: 57 parts activator. <b>Adhesion promoter:</b> maximum 2% of total mix.
MIXING INSTRUCTIONS:	Carefully proportion base and hardener required and thoroughly mix using a powered mixer.
APPLICATION EQUIPMENT:	Brush, roller, dipping or spray in certain conditions.
APPLICATION:	Whether or not the surface is already primed or coated, wet the substrate using the laminating (ELR) resin. Soak the reinforcement/roving in the ELR to ensure that it is thoroughly wetted out. Apply the soaked roving on to the surface whilst the roving and primer are still wet. Ensure there are no ridges or air bubbles present (these may be removed using a hard grooved or spiked roller whilst the resin is still wet). Apply ELR directly on to any 'dry' or lightly wetted areas in the reinforcement and ensure full wet out with air release.

MIXING:	<p>If required, add the adhesion promoter to the base and mix thoroughly. Add all the activator to the base and mix thoroughly. Transfer into a clean container and remix.</p> <p>Mix only as much product as you can use during the limited pot life.</p>
POT LIFE:	Approximately 60 minutes at 20°C.
THINNERS:	<b>DO NOT THIN.</b> The addition of thinners will adversely affect this product.
PACKAGING:	5 and 10 litre composite kits.
STORAGE LIFE:	A minimum of 1 year stored in unopened tins at less than 35°C.
COLOUR AVAILABILITY:	Translucent brown.
VOLUME SOLIDS:	99.8%
CURE TIME:	<p>Tack-free 8 hours.</p> <p>Cure time approximately 3 to 4 days at 20°C; will vary significantly with temperature.</p>
OVERCOATING TIME:	Minimum 6 hours at 20°C: Maximum 3 days.
CLEANING SOLVENT:	Acetone, Methyl Ethyl Ketone, Xylene and Epoxy Equipment Cleaner.

All values given are approximate.