

301 Epoxy Resin & Hardener

Solvent free epoxy repair gel
Use for gap filling or bonding dissimilar materials
Compatible with glass fibre fabrics

Cure Times

At 20°C (68F°) the product will have the following cure times –

Usable Life	25mins
Touch dry	2 hours
Hard dry	6 hours

Coverage Rates

300gm (0.74lb) of fully mixed product will give the following coverage rates –

0.52m ² at 500 microns
5.6ft ² at 20mil
0.346m ² at 750 microns
3.7ft ² at 30mil
0.26m ² at 1mm
2.8ft ² at 40mil

Colour

Mixed material – Off white gel
Base component – White gel
Activator component – Light yellow gel

Over-coating times

Minimum - as soon as it is touch dry.

Maximum - the over-coating time should not exceed 8 hours.

Typical Applications

Pipe wrapping of large diameter pipes
Seal leaking tank seam
Strengthen bulk heads

Technical specifications and characteristics

Mixing ratios	By weight	2 to 1
	By volume	2 to 1
Volume capacity		
	Metric	869cc/kg
	Imperial	53cu in/1.8lb

Surface Preparation

Injection Applications, Bonding of dissimilar materials, Encapsulation using technical fabrics –

where possible all surfaces must be abrasive blast cleaned to ISO 8501/4 Standard SA2.5 (SSPC SP10/ NACE 2) and with a minimum blast profile of 75 microns using an angular abrasive.

However this product is tolerant of less than ideal surface preparation and will adhere to surfaces prepared using Hand tools, Mechanical Tools and Hydro-blasting

Where there is corrosion pitting, this should be rebuilt using Resimac 302 Epoxy Repair Cement which can also be used to enhance adhesion onto poorly prepared surfaces.

Mixing and Application

STEP 1

Ensure you have 1 x base unit, 1 x activator unit, 1 x spatula, 1 x brush



STEP 2

Pour the activator into the base Component tin



STEP 3

Mix the two components using The green spatula provided



STEP 4

The material must be a Consistent off white colour. Check you have a consistent mix



STEP 5

Once the material is fully mixed use a brush to apply the epoxy gel to the repair surface

