

407 GP 80 Repair Fluid

Solvent free polyurethane repair fluid
Durable and abrasion resistant
Convenient packaging

Cure Times

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

Usable Life	30 mins
Min Overcoating	4 hrs
Max overcoating	36 hrs
Water immersion	3 days
Immersion/chemical	7 days

Coverage Rates

0.5kg (1.1lb) of fully mixed product will give the following coverage rates –

1.74m ² at 250 microns	18.73ft ² at 10 mil
0.46m ² at 1mm	4.68ft ² at 40mil

Colour

Mixed material – Amber Fluid
Base component – Amber Fluid
Activator component – Amber fluid

Over-coating times

Minimum - as soon as it is touch dry (4 hrs at 20°C)
Maximum - the over-coating time should not exceed 36 hours.

Typical Applications

Gasket Sealing

Lining of Process Equipment

Casting of Components

Technical specifications and characteristics

Mixing ratios	By weight	10:1
	By volume	9:1

Surface Preparation

Metallic Substrates

1. All oil and grease must be removed from the surface using an appropriate cleaner such as MEK.
2. All surfaces must be mechanically abraded using handheld grinders to **ISO 8501/4 ST3 (SSPC SP3 ST3)**.
3. Once abraded, the surface must be degreased and cleaned using MEK or similar type material.

PLEASE NOTE: For salt contaminated surfaces the substrate must be pressure washed with clean water and checked for salt contamination.

Concrete

1. If the concrete surface is contaminated, pressure wash using clean water.
2. Once the concrete is dry, lightly abrasive blast or scarify taking care not to expose the aggregate.

Rubber

1. Any frayed or fragmented rubber should be cut away to provide a sound repair area.
2. Edges of repair areas of belts etc should be undercut.
3. The surface of the rubber should then be roughened using a handheld mechanical grinder using a coarse pad or MBX Bristle Blaster.

Once all surfaces, metallic, rubber or concrete have been prepared, apply 402 Multi surface primer to all surfaces using a brush. Apply the primer as liberally as possible (avoid ponding) to the surface and leave to cure for a minimum of 20 minutes at 20°C (68°F).

Mixing and Application

STEP 1

Ensure you have:
1 x 500gm sachet,
1 x 402 Primer (if required),
1 x Spatula,
1 x Paintbrush



STEP 2

Remove dividing rod from the Sachet



STEP 3

By hand forcibly mix the 2 components together without piercing the sachet for approx. 3-4 mins.



STEP 4

Cut the end of the sachet and Dispense material into a clean Container. Mix for a further 60 Seconds or until streak free.



STEP 5

Apply to substrate with a Paintbrush or pour into the required space.

