

## 406 GP 85 Repair Putty

Solvent free polyurethane repair paste  
High build capability, 25mm without slumping  
Convenient packaging

### Cure Times

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

Usable Life	9 mins
Tack free	60 minutes
Light loading	8 hour
Full loading	24 hours
Immersion/chemical	7 days

### Coverage Rates

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

0.46m² at 1mm	4.3ft² at 40mil
0.23m² at 2mm	
0.115m² at 3mm	2.15ft² at 80mil
1.4ft² at 1/8"	

### Colour

Mixed material – Black paste  
Base component – Black paste  
Activator component – Opaque paste

### Over-coating times

**Minimum** - as soon as it is touch dry.

**Maximum** - the over-coating time should not exceed 36 hours.

### Typical Applications

Conveyor belts  
Gasket repairs  
Potting compound  
Expansion joint filling  
Chutes  
Hoppers  
Fans  
Pumps

### Technical specifications and characteristics

Mixing ratios	By weight	3.85:1
	By volume	4.35:1

### 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, 1 x spatula, 1 x applicator tool, 1 x reinforcement tape, 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 onto a clean Mixing board.



#### STEP 5

Check to ensure that the 2 Components are fully combined by Giving a final mix with the spatula. The paste should be a consistent, Uniform black colour.



#### STEP 6

Using the applicator tool provided Apply the mixed material to The primed repair surface

