

### PRODUCT DESCRIPTION

**REPROOF 6550 GPM** is a single component water based acrylic waterproof coating. The product is supplied ready to use and has been designed to seal tank bases from moisture ingress and further corrosion. The product has been developed using a complex range of acrylic resins, fillers and polymers which combine to provide a high performance waterproofing membrane with long term UV stability.

### TYPICAL APPLICATIONS

Reproof 6550 GPM has been formulated to be used as part of the Reproof Tank Base sealing system

### SURFACE PREPARATION

#### GENERAL

Correct surface preparation is essential for the success of any application. All oil and grease must be removed from the surface of the repair using an appropriate cleaner such as MEK.

For optimum performance, all steel substrates should be abrasive blasted to ISO 8501/4 Standard SA2.5 (SSPC SP10/ NACE 2) and a minimum blast profile of 75 microns using an angular abrasive. Once blast cleaned, the surface must be degreased and cleaned using MEK or similar type material. All surfaces must be coated before rusting or oxidation occurs.

The Concrete base must be lightly abraded by blast cleaning, with care being taken not to expose the aggregate.

Where abrasive blast cleaning is not possible the minimum surface preparation is mechanical abrasion using an MBX bristle blaster.

### MIXING AND APPLICATION

#### PRIMING

Once surface preparation has been completed all dust and any residue debris must be removed and the surface cleaned.

Where there is a sizeable gap between the tank wall and the concrete base it may be necessary to fill this with expanding foam. Once cured this should be trimmed to contour the base. To avoid stresses on the repaired area it is advisable to apply a bond breaker using a suitable heavy-duty duct tape.

Both the steel and concrete are now ready to be primed with Reprime 5506 APZ. Apply by brush or roller at a wet film thickness of 150 microns (6 mil). The 5506 APZ should be allowed to cure until touch dry, approx. 6 hours at 20°C before applying 6550 GPM.

#### MIXING

Prior to application please ensure the following:

1. The base component is at a temperature between 15-25°C (60-77°F)
2. The ambient surface temperature is above 10°C
3. The ambient temperature is not less than 3°C above the dew point

The material is single component and requires no mixing, however, it will be necessary to agitate the material using an electric paddle mixer prior to application.

Reproof 6550 WR Membrane can now be applied by brush or roller as follows:

1. Apply the first coat of material to steel tank and concrete base at a wet film thickness of 750 microns
2. Whilst still wet embed the Repco 806 reinforcement sheet into the membrane material and then back roll to ensure the fabric is completely embedded and wetted out.
3. Allow the coating to cure for a minimum of 3-4 hours at 20°C
4. Apply a second of membrane at a wet film thickness of 400 microns to completely wet out the reinforcing sheet.

***For a full working method statement please contact your local Repco dealer or direct to the Zoom Corrosion Technology technical team.***

#### Coverage Rates

20ltrs (5.3 US gallon) of fully mixed product will give the following coverage rates –

26.6m <sup>2</sup> at 750 microns	285ft <sup>2</sup> at 30mil
40m <sup>2</sup> at 500 microns	430ft <sup>2</sup> at 20mil

***Please note that the coverage rates quoted are theoretical and do not take into consideration the profile or condition of the surface being coated.***

## TECHNICAL DATA SHEET: REPROOF 6550 GPM

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### CURE TIMES

At 20°C (68F°) the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures:

Touch Dry	1-2 hours
Minimum overcoating time	3-4 hours
Maximum overcoating time	Indefinite

### PRODUCT COLOUR AND UNIT SIZES

#### Pack Size

Product is available in the following pack sizes – 20 Litres (5.3 US Gallons)

#### Colour

Single component – White or light grey

### OVERCOATING TIMES

Minimum – further material can be applied as soon as the first layer is touch dry. Approximately 3-4 hours at 20°C

Maximum – Indefinite

### TECHNICAL SUPPORT

Zoom Corrosion Technology offer complete technical support and assistance, from discussing application requirements to training approved local contractors. For further information please contact a REPCO representative or your nearest REPCO authorised dealer.

### STORAGE LIFE

The shelf life of the product is typically 5 years if unopened and stored in cool dry conditions (15-30°C/ 60-86F°). Once opened replace the lid firmly and store as above.

### TECHNICAL DATA

**Please see the REPROOF 6550 GPM Product Specification Sheet for further technical and performance data.**

### HEALTH AND SAFETY

Please refer to the product safety data sheet for detailed information on handling, storage, shipping and disposal.

### WARRANTY

#### Legal Notice:

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Zoom Corrosion Technology accepts no liability arising out of the use of this information or the product described herein