

PRODUCT DESCRIPTION

REPRIME 6503 AP is a low viscosity solvent free epoxy primer designed to seal and consolidate concrete and cementitious surfaces.

- Solvent Free
- Designed to penetrate deep into concrete
- Ensures high mechanical adhesion with other REPCO chemical and corrosion coatings
- Cures at temperatures as low as 5°C

TYPICAL APPLICATIONS

Penetrating primer for concrete and cementitious surfaces such as, Internal and external of storage tanks, industrial floors, balconies, roofs chemical containment areas.

SURFACE PREPARATION

CONCRETE SUBSTRATE

Allow new concrete to cure for a minimum of 21 days and check the moisture content of the concrete prior to coating (8% moisture content or below). Lightly scarify the surface taking care not to expose the aggregate. Clean all dust and debris from the surface.

MIXING AND APPLICATION

PRECAUTIONS

Warm the Base component to 15-25°C (60-77°F) before mixing and do not apply when the ambient or substrate temperature is below 5°C (40°F) or less than 3°C (37°F) above the dew point

MIXING

Pour the contents of the Activator unit into the Base container ensuring that as much material is drained from the Activator container as possible. Mix the two components together until they are streak-free using an electric paddle mixer. Pour the mixed material into a paint tray for ease of application and to maximise the usable life.

Brush or Roller Application

From the commencement of mixing the material should be used within 25 minutes at 20°C (68°F).

Using a stiff bristled brush stripe coat all welds, angles, joints and corners approximately 4" wide at a coating thickness of 150 microns (6 mil).

As soon as the stripe coat is touch dry, apply the mixed material to all prepared surfaces at 150 microns (6 mil).

CURE TIMES

At 20°C (68°F) 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:

Usable life by brush application	25 minutes
Minimum overcoating time	43 hours
Maximum overcoating time	36 hours

FOR OPTIMAL PERFORMANCE

After an initial curing period of at least 12 hours at 20°C (68°F), raising the cure temperature progressively to (140-175°F) for up to 8 hours will result in improved mechanical, thermal and chemical resistance properties

COVERAGE RATES

4ltrs (1.1 US gallon) of fully mixed product will give the following coverage rates –

26.6m² at 150 microns 286ft² at 6mil

18ltrs (4.75 US gallon) of fully mixed product will give the following coverage rates –

119m² at 150 microns 1280ft² at 6mil

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

OVERCOATING TIMES

Minimum - the material can be over-coated as soon as it is touch dry, approximately 3 hours at 20°C (68°F).

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

Where the maximum over-coating time is exceeded, the material should be allowed to harden before being abraded to remove surface contamination.

TECHNICAL DATA SHEET: REPRIME 6503 AP

UNIT SIZES

Product is available in the following pack sizes –
4ltrs (1.1 US gallon)
18litrs (4.75 US gallon)

COLOURS

Base Component	Pale Straw
Activator Component	Amber

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 **REPCHEM 5511 UCEN Product Specification Sheet** for detailed technical and performance data.

HEALTH AND SAFETY

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

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.

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