

## Technical Datasheet RP Resin (40507)

**PRODUCT NAME** RP Resin

**Product Code** 40507

**PACK SIZE** 1kg, 5kg/ 18l(as per customer request)

**USAGE** RP Resin is a dedicated waterproofing substance containing a special acrylic polymer which repels water, enhancing water resistance for use on the exterior cement and concrete walls of houses. **It is specially formulated to deliver good waterproofing, easy application, good adhesion on cement and concrete surfaces**

**COLOUR RANGE** White

### FILM PROPERTY

**Chemical** Resistant to mild atmospheric fume attack and to light levels of alkali in mortar.

**Resistance** Resistant to the levels of atmospheric humidity normally experienced in exterior

**Water Resistance** environments.

**COMPOSITION (nominal)** Water-resistant acrylic emulsion, pigments, additives and water

**DRYING TIMES** Environment temperature of 30°C and air humidity of 80%

**Surface Dry** 1 – 2 hours.

**Recoat** 6-8 hours after applying the 1<sup>st</sup> coat

RP Resin obtains absolute hardness after 7 days

**THEORITICAL COVERAGE** **Theoretical coverage is 7-8 m<sup>2</sup>/coat/kg depending on the thickness applied.**

**APPLICATION TOOLS** Brush, roller.

**SURFACE PREPARATION**

- The surface must be clean, dry & stable. Remove old paint, dirt, plaster, fungus and algae by using a high pressure water jet or scraper. For very dry and absorbent surfaces - wet with clean water before application of RP Resin.
- For surfaces suffering from hairline cracks, first apply 3 coats of RP Resin. For larger cracks, the crack should be carved out into a "V" shape until free from loose material then plastered with a mixture of 5 parts of sand: 3 part of grey cement: 0.8 parts of Dulux Water Proof before applying water proof as usual

**Notes:** Do not apply RP Resin during rain or in wet conditions to obtain best waterproofing and appearance.

Clean all equipment with clean water immediately after use

### CLEANING UP

### PAINT SYSTEM

Prepare the mixture with cement PCB 40 onwards in the following ratio:

1kg of grey cement with sand (0.2 kg): 1kg of RP Resin

Add cement to water. Stir well until free from lumps. Then add RP Resin and stir again until a smooth, homogeneous mixture is produced.

Use mixture within 2 hours of preparation and well-stirred before use.

Tools: brush or roller.

Application: 2-3 coats.

RP Resin can also be used by itself without mixing with cement. Stir well before applying.

### SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

- Contains: BIOCIDES. Avoid contact with skin. May cause sensitisation by skin contact.
- Using the product together with cement will do harm for skin and eyes if contacting
- Cement is not provided with this product. However, when using cement, please

## Technical Datasheet RP Resin (40507)

note: use a dust mask, PVC gloves, goggles and appropriate personal protective equipment. When cement based materials are mixed with water, or when the cement based materials become damp, a strong alkaline material may cause serious burns and ulcerations to the unprotected areas respectively. Cement based material may until set, cause both irritant and allergic contact dermatitis.

- Harmful to aquatic organisms, may cause long-term adverse affects in the aquatic environment.
- Keep out of reach of children.
- Do not breathe vapour/spray. Wear dust mask on using.
- Use only in well ventilated areas.
- In case of swallowing, seek medical advice immediately and bring together the product can or product label.
- Wear suitable eye protection glasses when application. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice immediately.
- Do not release to sewers or water supplies.
- Avoid release to the environment. In case of spillage, collect with sand or soil.
- Do not re-use the can for containing foods and beverages.
- See guidelines in Product Safety Data Sheet
  - *This product is low VOC, certified Green Label by Singapore*

All above information is provided with high reliability but without implied warranties as the quality of the finish paint film depends on application conditions.