

Resuseal WB Wall Finishes

Water based epoxy resin wall coating



RESIN SURFACES LIMITED

Product Data Sheet

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DESCRIPTION

RESUSEAL epoxy resin wall coatings are two-part, water-based, durable, seamless finishes, which are primarily designed for application in food preparation, laboratory-clean room environments, and other areas of maximum hygiene, such as operating theatres and breweries.

RESUSEAL wall coatings also provide excellent resistance to light chemical attack and do not support fungus or bacterial growth.

RESUSEAL W.B. WALL specifications are available for most substrates including plaster, concrete, brick, blockwork and ceramic tiles.

GRADES AVAILABLE

Two grades of RESUSEAL wall finish are available:-

RESUSEAL WALL GLOSS - which provides a gloss finish.

RESUSEAL SATIN - which provides a satin finish.

RESUSEAL WALL GLOSS and RESUSEAL W.B. SATIN are both available in the full range of attractive wall finish colours - please see colour sheet ref. CLSH.

ECUCLAD is a glass fibre-reinforced system, incorporating RESUSEAL W.B. wall coatings and is available in several grades. ECUCLAD is ideal for upgrading walls and ceilings including areas such as cracked and broken glazed and ceramic tiles etc, producing a durable, impact-resistant finish. Please see data sheet ECUC.

ADVANTAGES

1. Satin or gloss finish
2. Superior colour stability
3. Superior curing at low temperature
4. Freeze-thaw stability
5. Fast-curing

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CHEMICAL RESISTANCE

RESUSEAL wall coatings have good general chemical resistance, including protection against fuels, lubricants and caustic soda. Areas prone to continuous splashes of aggressive chemicals should be thoroughly and regularly cleaned.

Where solvents and other volatile materials are in regular contact with the wall surface, a top coat of **RESUTILE** wall coating is recommended.

Please consult Resin Surfaces to check resistance to specific chemicals and solutions.

PHYSICAL PROPERTIES AT 20°C

Pack Size

5 kg and 10 kg units

Coverage depending on texture

Gloss 6-8 m per kg. per coat
Satin 5-6 m per kg per coat

Pot life

1.5 - 2 hrs at 20°C

Recoat time

8 hours

Full Chemical Cure

7 days

Shelf Life

12 Months

PREPARATION

All surfaces must be clean and dry and free from grease, oil and dirt. Hard smooth surfaces should be abraded or sanded to provide a mechanical key. Where open blockwork is to be coated this should be filled with RS Blockfiller or bag rubbed with a sand cement mix to create a continuous paintable surface.

PRIMING

All unsealed surfaces should be primed with Resuseal WB Clear or Resuprime WB. Where dark or patchy substrates are to be overcoated an additional coat of Resuseal Satin may be required to achieve a uniform background.

APPLICATION

Resuseal water based coatings are two-pack epoxy resin systems. The base and hardener components should be mixed thoroughly together, ideally by slow-speed mechanical mixer. Ensure that the pigmented component is stirred prior to addition of the second component. Stir thoroughly taking care to mix in materials from the sides and to turn over from top to bottom. All coatings can be applied by brush or roller or airless spray.

APPLICATION CONDITIONS

In order to achieve the best results it is recommended that all the products are applied in temperatures greater than 10°C with RH less than 85% in good drying conditions and with good ventilation. Variations in temperature and humidity during the cure period may result in variations in surface finish.

MAINTENANCE

RESUSEAL W.B. wall finishes may be lightly pressure washed, provided the temperature does not exceed 60°C.

HYGIENE

RESUSEAL W.B. products are formulated from materials, which are designed to achieve the highest levels of performance as safely as possible. However specific components require proper handling and suitable equipment. This information is given in the relevant safety data sheet.

In all cases spillage's or skin contamination should be cleared as soon as possible by dry wiping the affected area and then thoroughly washing with soap and water.

Consult Safety Data Sheets HSSP (Resuseal Satin) or HSSG (Resuseal Gloss).