



Aitken Freeman Pty Ltd
Factory 7, 7-9 Brough St, Springvale Vic 3171
PO Box 548, Noble Park Vic 3174
Ph: 03 9701 3955 Fax: 03 9701 3956
Web: www.aitkenfreeman.com
email: sales@aitkenfreeman.com

Resiloc HS

High solids epoxy coating system for floors & walls

USES

Resiloc HS is a high solids, high build epoxy floor coating system for use alone, or with hard wearing aggregates to produce a non slip, or skid resistant coating for concrete.

BENEFITS

- Excellent adhesion to substrate
- Durable, heavy duty floor finish
- Ease of application
- Low maintenance of floor surface
- Non slip / anti skid finish can be achieved

TYPICAL PROPERTIES

| | |
|-------------------------------------|---|
| <i>Pot Life @ 20°C</i> | 45 minutes |
| <i>Recoat Time @ 20°C</i> | 18 hours |
| <i>Traffic time – pedestrian</i> | 24 hours |
| <i>Traffic time – light vehicle</i> | 48 hours |
| <i>Full Cure</i> | 7 days |
| <i>Solids Content</i> | 93% v/v |
| <i>Colours</i> | A wide range of colours are available, and can be made to order |

PREPARATION

All surfaces to be coated should be clean and free of oil, grease or other contaminants which could inhibit bond. Loose or damaged concrete should be repaired prior to application of Resiloc HS, to provide a solid foundation for the coating. Any holes or large depressions can be filled with an epoxy mortar comprising Resiloc Binder and Resiloc Fillers. Smaller repairs can be made with Resiloc PM, a non slump epoxy patching mortar.

Prime any excessively porous areas of concrete with an application of Resiloc HS at the rate of 8 – 10 m² per litre.

MIXING

Resiloc HS is suitable for mixing using a drill and suitable paddle. Premix the Base and colour pack for 1 minute, before adding the Hardener. Mix thoroughly for a further 4 minutes to ensure proper mixing.

Only mix as much material as can be used within the pot life of the product, and do not attempt to rework or retemper any partially set material.

Please note that liquid epoxy products may exotherm and set prematurely if not used immediately. Once mixed, pour the Resiloc HS into a shallow tray for application by brush or roller.

APPLICATION

Apply the Resiloc HS by brush, roller or spray, at the rate of 5 - 7m² per litre in an even pattern over the floor.

If a non slip finish is to be incorporated into the coating, while the first coat is still wet, broadcast Resiloc Grit over the surface until the surface is saturated. After this first coat has hardened, remove the excess Grit by sweeping or vacuuming the floor. This Grit can be gathered and recycled for use on the next section of the floor to be coated.

Apply the second coat of Resiloc HS in the same manner as the first. If non slip grit has been applied, coverage will be less per litre due to the surface texture. Take care not to leave an excess of Resiloc HS on the surface, which may reduce the non slip properties or skid resistance of the floor.

CURING

Resiloc HS is suitable for pedestrian traffic after 24 hours and light vehicle traffic after 48 hours, however 7 days is required for full cure of this product.

ESTIMATING

Resiloc HS 5 – 7 m² first coat
 7 – 8 m² second coat
 (4-6 m² if overcoating grit)

Resiloc Grit (fine) 60 m² per 25kg bag
Resiloc Grit (medium) 40 m² per 25kg bag
(Allow extra material for saturating the surface)

CLEAN UP

All equipment should be cleaned immediately after use using Resiloc Thinners. Cured material can only be removed mechanically, and with difficulty.

SUPPLY

Resiloc HS is supplied in premeasured 4.6 litre or 16 litre kits comprising Base, Hardener and Pigment Pack.

Resiloc Grits in a variety of sizes are supplied in 25kg bags.

STORAGE

Resiloc HS should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months.

PRECAUTIONS

Resiloc HS is designed for use in ambient temperatures between 10° - 35° C and all properties listed above assume a temperature of 20°C. Where conditions outside this range are encountered, please consult our technical staff prior to application.

Always read the product data sheet, MSDS and product label prior to use of this material.

Resiloc HS has been formulated to minimise the problem of water spotting which may be evident under cool and humid drying conditions. Trials should be conducted where these conditions will prevail during the application.

Ensure good ventilation during application to avoid the accumulation of solvent vapour.

Material Safety Data Sheets (MSDS) are available to users of Aitken Freeman products on request. Please ensure you have read this data sheet, the MSDS, and the product label carefully before first use of any product.

TECHNICAL SUPPORT

Aitken Freeman offers a comprehensive range of high quality, high performance construction products. In addition, Aitken Freeman offers technical support to users and specifiers, and can arrange on-site visits to end users and contractors.

ALLIED PRODUCTS

Aitken Freeman manufactures a broad range of construction products and can supply the following:

- Grouts and anchoring systems
- Epoxy Surface Coatings
- Admixtures for concrete
- Adhesives & Sealants
- Floor toppings
- Floor levelling compounds
- Concrete Repair materials
- Waterproofing solutions

Refer to Material Safety Data Sheet for precautions and personal protection

Disclaimer: Any advice, recommendation, information, assistance or service provided by Aitken Freeman Pty Ltd in relation to goods manufactured or supplied by them or their use and application is in good faith and is believed by Aitken Freeman Pty Ltd to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Aitken Freeman Pty Ltd is provided without liability.