resimac Ltd.

Technical Data Sheet

RESICHEM 573 Fastfill Screed– fast curing polymer modified cement based screed

Resichem 573 Fastfill Screed is a single component fast curing engineering grade, polymer modified, reactive cementitious coating with high adhesive properties. It is used in permanent immersion or negative pressure waterproofing. It incorporates the most advanced micro-silica, polymer and fibre technology, curing to give a dense matrix which is impermeable to water under 145 PSI hydrostatic head. Supplied as a single component system, ready for on-site mixing and use.

- Resist 145 PSI negative hydrostatic pressure
- Ideal as a render to combat moisture ingress
- Fully compatible with Resimac primers and chemical top coats

Typical applications

Sealing and waterproofing structures such as basements, containment areas, sumps etc. This material has been designed to be used in conjunction with the Resichem range of coatings.

Surface Preparation

1. Remove all loose material, dust, surface laitance, mould release agent and any other form of contamination.
2. Roughen smooth surfaces using a grinder. Ensure substrate is free from water back pressure.
3. Thoroughly soak the substrate with clean water until fully saturated.
4. Remove excess water.

Mixing

Prior to mixing please ensure the following:

1. The water used to mix with the cement mortar powder must be at a temperature between 60-77F°.
2. The ambient & surface temperature is above 50F°.

Once these 2 checks have been met, please proceed with mixing the product.

Render applications –

1. Pour 3.5litres (0.8 US GAL) of water into a mixing vessel.
2. Add the 25kg (55.1lb) bag of Resichem 573 Fastfill Screed. Always add powder to water.
3. Mix until the product is consistent and streak free.

Application

Render applications –

1. Skim the render material across the surface using a trowel or float to fill any pinholes or minor defects.
2. Then apply the render material using a trowel or float to a maximum wet film thickness of 200-400mil over all surfaces.

Coverage Rates

Render applications

25kg (55.12lb) bag/ 3.5ltrs (.92 gallons) of water added volume yield 13.3ltrs (3.51 gallons) of mixed product

WET FILM THICKNESS	RENDER APPLICATIONS
3/8”	14ft²
1”	5.5ft²
2”	2.8ft²

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

Cure Times

At 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	10 minutes
Minimum overcoat	24 hours
Maximum overcoat	3 days

Pack Sizes

This product is available in the following pack sizes –
25kg bag (55.1lb)

Color

Dark gray

Over-coating times

Minimum - the material can be over-coated after 24 hours at 68°F.
Maximum – 3 days

Storage Life

2 years if unopened and store in normal dry conditions (60-86F°)

Other Technical Documents

Safety Data Sheets	-	Single component material

Health and Safety

Please ensure good practice is observed at all times. Protective gloves, goggles & a disposable coverall must be worn during the mixing and application of this product. Before mixing and applying the material ensure you have read the fully detailed Safety Data Sheet.

Legal Notice: