Resitech Primer *SF* Technical Data

DESCRIPTION:

RESITECH PRIMER SF is a two component solvent free epoxy resin priming system. It is used as an epoxy primer to accept subsequent epoxy resin coatings, self-levellers and screeds.

APPLICATION PROCEDURE:

Surface Preparation

Concrete substrates must be clean, sound and free of laitance, oil, grease and any other surface contamination which could impair adhesion.

Existing floor areas will require mechanical abrasion to reveal clean concrete. Enclosed vacuum blasting equipment or vonarx type scabblers should be used. Any areas which have been contaminated with oil or grease should be treated with hot compressed air blasting equipment. This will drive out any deep-seated contamination.

Any areas of damaged concrete should be broken out and reinstated. For small areas of thin section repairs - less than 10mm in depth - an epoxy resin repair mortar should be used. For larger area thicker section repairs a polymer reinforced cementitious repair mortar should be used.

Any cracks in the substrate in excess of 1mm wide should be chased out to a minimum width and depth of 5mm and repaired with an epoxy resin mortar. Finer cracks do not nornally require pre-treatment as they can be flooded with RESITECH PRIMER SF.

Any existing floor coatings which are not soundly bonded to the substrate must be removed prior to the application of RESITECH PRIMER SF.

Adhesion tests should be carried out to ensure compatibility with RESITECH PRIMER SF.

For newly laid concrete substrates a light pass with enclosed vacuum blasting equipment is required to lightly texture the substrate and ensure that all laitance and the remnants of any curing membranes is removed.

Any flexible joints within the concrete substrates should be protected with masking tape.

The perimeters of the area being treated, along with any grids, drains etc. should be protected with masking tape.

Immediately prior to the application of the primer, the concrete substrate should be thoroughly vacuumed to remove all dust and other deleterious matter.

Mixing and application

RESITECH PRIMER SF is supplied in pre-weighed packages. It is essential that all of the curing agent, component A, is added to all of the resin, component B, and mixed thoroughly for 60 seconds using a mechanical paint stirrer. The fully blended system is immediately applied to the substrate by brush or roller at an average rate of 4-6m^2/litre ensuring total coverage.

When used as a primer for subsequent coating systems or self-levellers, RESITECH PRIMER SF must be allowed to cure to a tack-free finish. This will take approximately six hours at 20^{o}C. In order to optimise inter-coat adhesion, RESITECH PRIMER SF must not be allowed to cure longer than 48

hours prior to overcoating. If this time is exceeded, light abrasion and a second primer application will be required.

When used as a primer for epoxy resin screeds, RESITECH PRIMER SF should be overcoated 'wet-on-wet'. Only prime an areas which can be overscreeded within six hours. As above , if the primer cures tack-free, light abrasion and re-priming will be necessary.

CLEANING:

Tools can be cleaned with OPTUS SAFE SOLVENT or a hydrocarbon solvent such as xylene.

Optus
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