

Polyres 505

Epoxy primer/sealer for Polyfusion system

GENERAL DESCRIPTION

Polyres 505 is an epoxy resin based solvent free thin film primer specifically developed to be used on concrete and cementitious surfaces. On curing the product consolidates the substrate and helps to improve adhesion during application of other coating systems.

TYPICAL USES

For protection of concrete surfaces (bunds, floors, industrial) where chemical protection, durability and speed of application are paramount.

GUIDE TO TYPICAL COATING

CONDITIONS

Recommended Pretreatment:

Remove any contamination and lightly abrasive blast taking care not to expose the aggregate. Allow new concrete to cure for a minimum 21 days and remove any surface laitance before coating.

Following preparation ensure that the substrate is clean dry and sound and then heat the substrate to 50°C (The Spartacus unit may be used to achieve this). The **Polyres 505** should be applied whilst the surface is still warm.

Mixing and Application:

Transfer the contents of the Activator unit into the Base container and mix thoroughly until a uniform material free of any streaks is achieved. From the commencement of mixing the whole of the material should be used within 45 minutes at 20°C.

Transfer the mixed material to a suitable paint tray or container and apply evenly to the substrate as soon as possible by means of a short nap roller. Over large areas a soft foam squeegee can be used to initially spread, with a roller coat to finish. Sufficient material should be applied evenly to satisfy the porosity of the substrate, take care to avoid ponding of material. Once cured the coating should have a semi-gloss finish over the whole surface, where there are signs of excessive porosity in the surface, the coating will have a dull finish. In such circumstances or where pinhole and weak spots are evident a second coat will be required.

It should be appreciated that the information given here is, to the best of our knowledge, true and accurate. However, since conditions under which our materials and equipment may be used are beyond our control, recommendations are made without warranty or guarantee.

TYPICAL PROPERTIES OF POLYRES 505

Coverage 3.5m² per litre at a nominal WFT of 150 microns. (Coverage will vary dependent on porosity of the concrete)

Packaging 4 or 18 Litre packs

STORAGE

60 months if unopened and stored in normal dry conditions (15-30°C)

HEALTH AND SAFETY

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves and other recommended personal protective equipment must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read and fully understood the detailed Material Safety Data Sheet.

Should the coating be required for contact with food or potable water, further details should be obtained from Tecno Supply S.r.l..



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