



PES-CHEM 505 Damp Seal

PES-CHEM 505 Damp Seal is an epoxy resin based solvent free thin film primer specifically developed to be used on green and damp surfaces. On curing the product consolidates the substrate and helps to improve adhesion during application of other coating systems.

Typical applications

Ideal for coating concrete floors, problematic cementitious surfaces.

Surface Preparation

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 68°F.

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 floor, 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.

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	45 minutes
Hard Dry	8 hours
Minimum overcoating	8 hours
Light loading	12 hours
Maximum overcoating	24 hours
Full loading	3 days

Storage Life

12 months if unopened and stored in normal dry conditions (59-86°F)

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.

Technical Data Sheet



Legal Notice

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