



SLP - 12

Water Dispersed Epoxy Primer

Pack Size

18Kgs & 1.8Kgs

TDS Technical Data Sheet



Description

SLP - 12 is a two-part, water-based synthetic dispersion primer and bonding agent. It is non-flammable and non-corrosive, forming a priming/bonding layer on most substrates, especially smooth or dense surfaces. SLP - 12 is intended for interior use only and can be used as a primer and bonding agent before applying the CLI range of cement-based products. It is effective on power floated concrete, pre-cast concrete, terrazzo, glazed ceramic, and quarry tiles. SLP - 12 is also suitable for priming wood and wood-based panels before applying cement-based products.

Features

Provides excellent adhesion on smooth surfaces

Easy to apply

Suitable for wood surfaces

Substrate Preparation

Substrates to be treated with SLP - 12 must be hard, sound, and free of dust and other barrier materials such as paint, lime coatings, plaster, curing agents, laitance, and adhesive residues that could inhibit adhesion. All surfaces should be thoroughly mechanically prepared, cleaned, and repaired to ensure a strong mechanical key and adhesion. Use an appropriate degreaser to remove polish, wax, grease, oil, and similar contaminants before mechanical preparation. Contaminated concrete surfaces should be mechanically prepared by scabbling, grinding, or shot blasting, followed by thorough vacuuming before applying SLP - 12. Overwatered or weak concrete surfaces should be properly prepared down to solid concrete. Ensure that dust and other debris are removed using vacuum equipment. Any joints or cracks in the concrete base where differential movement is expected should be carried through to the finished surface and appropriately sealed. New concrete slabs must be allowed to cure for at least 14 days.

Mixing

SLP - 12 consists of two liquid components—one red and one white—that are mixed in a 1:1 ratio by weight or volume to produce a pink primer. The mixed primer has a working time of approximately 1 hour, after which any unused mixed primer must be discarded.

Application

Surfaces should be firm and free from dust, dirt, and other barrier materials. Use a suitable degreaser to remove polish, wax, grease, etc. SLP - 12 should be applied in a thin, even coat using a foam or short pile paint roller, brush, or squeegee, taking care to avoid the formation of puddles. On smooth, impervious substrates, application by squeegee will quickly and effectively give a very thin film. Allow the coating of SLP - 12 to dry to a clear, tacky film—typically 3 to 6 hours with a paint roller or brush application, and 1 to 3 hours with a squeegee, depending on the substrate, temperature, and ventilation. If in doubt, allow it to dry overnight. Once dried, the primed surface is ready for overlaying. However, if left for more than 4 days, a repeat application of SLP - 12 will be necessary.

Cleaning

Mixing and application tools should be cleaned with water immediately after use, before the primer dries. Wash off any primer from the skin before it dries. Avoid prolonged contact with the skin.

Coverage Estimates

Approximately 30 to 60 m² per 6kg unit. These figures are theoretical and may vary depending on wastage and the nature of the substrates.

Storage and Shelf Life

SLP - 12 should be stored under conditions similar to cement—cool, dry, and shaded warehouses. The product should not be stored in direct contact with the floor. When stored correctly, SLP - 12 will have a shelf life of 9 months.

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Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.