SLP - 11

Primer And Bonding Agent

Pack Size
5Kgs

TDS
Technical Data Sheet

Description
Product Overview SLP - 11 is a water-based emulsion primer that should be diluted with water. It is designed to prepare internal surfaces for cement-based leveling compounds, screeds, and plaster-based materials by improving adhesion and inhibiting the penetration of water. It serves as a pore sealer on floor surfaces, preventing air bubbles from rising through subsequently applied sub-floor smoothing and leveling compounds, thereby prolonging their flow life and workability.

Features
Good adhesion to porous surfaces
Easy to apply
Seals substrates effectively

Substrate Preparation
The concrete or screed substrate must be hard, sound, and free of dust and other barrier materials such as paint, lime coatings, plaster, curing agents, laitance, adhesive residues, etc., which may inhibit adhesion. All surfaces must be thoroughly mechanically prepared, cleaned, and made good to ensure proper mechanical keying and adhesion. Use a suitable degreaser to remove polish, wax, grease, oil, and similar contaminants before mechanical preparation. Contaminated concrete surfaces should be mechanically prepared by scabbling, grinding, or contained shot blasting equipment and then vacuumed clean before applying SLP - 11. Overwatered or otherwise weak concrete surfaces must be adequately prepared to expose sound, solid concrete. Remove dust and other debris using vacuum equipment. Any joints or cracks in the concrete base where differential movement is anticipated (e.g., movement joints) should be brought through to the finished surface and suitably sealed. New concrete slabs must be allowed to cure for at least 14 days.

Mixing
Shake the container well before use. Dilute the primer with water as required for different applications.

Application Guidelines
Apply the diluted primer evenly using a brush or broom over the sound, clean, and dust-free surface. Allow it to dry to a clear thin film.

- **Dilution Ratio 1:3 by Volume with Water:**
- Priming and as a bonding agent on absorbent cement/sand screeds before applying CLI sub-floor smoothing compounds.
- Bonding agent on smooth concrete walls before applying plaster-based compounds.
- Reducing dusting of internal cement screeds or sub-floor smoothing compounds left exposed to foot traffic for a limited period.
- **Dilution Ratio 1:2 by Volume with Water:**
- Priming and as a bonding agent on power floated concrete before applying CLI sub-floor smoothing and leveling compounds.
- **Dilution Ratio 1:1 by Volume with Water:**
- Priming and sealing pores on rough concrete floors to prevent air bubbles from rising through the sub-floor smoothing compounds.

- Mixing with CLI SLP - 11 powder as a slurry to bond a CLI SLP - 11 cement and sand screed.
- Priming traces of sound adhesive residues on absorbent sub-floors.
- Use diluted SLP - 11 as an admix with cement/sand as a slurry on a concrete floor as a bonding agent for a screed. The screed should be laid before the slurry dries.

Cleaning

Clean mixing and application tools with water immediately after use before the primer dries. Wash off SLP - 11 from the skin before drying occurs. Avoid prolonged contact with the skin.

Coverage Estimates

Dilution 1:3: Priming approximately 100 m²
Dilution 1:2: Priming approximately 60 m²
Dilution 1:1: Priming approximately 35 m²

Storage and Shelf Life

Storage and Shelf Life SLP - 11 should be stored under the same conditions as cement: in cool, dry, shaded warehouses. It should not be stored in direct contact with the floor. When stored under the correct conditions, SLP - 11 will have a shelf life of 9 months.

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5Kgs

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.

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