

ULTRA PRIME 11 - TDS

Product Name:

Ultra Prime 11

Product description:

Ultra Prime 11 is a liquid primer and it is a state-of-the crystalline waterproofing admixture also. The chemistry within the Ultra Prime 11 reacts with moisture and free lime in the concrete and capillary tracts and minor shrinkage cracks within the concrete. It should be diluted with water, to prepare internal surfaces to receive cement-based levelling compounds, screeds as well as plaster -based materials, improving adhesion and inhibiting penetration of water. It is used as a pore sealer on floor surfaces to prevent air bubbles rising through subsequently applied sub-floor smoothing and levelling compounds and to prolong their flow life and workability.

Advantages:

- Good adhesion to the porous surface
- Easy to apply
- Seals the substrates

Surface Preparations:

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., that will inhibit adhesion to the substrate. All surfaces must be thoroughly mechanically prepared, cleaned and made good to ensure a good mechanical key and adhesion. Use a suitable degreaser to remove polish, wax, grease, oil and similar contaminating substances prior to mechanical preparation. Contaminated concrete surfaces should be mechanically prepared, either by scabbling, grinding or contained shot blasting equipment or similar, and be vacuumed clean prior to applying Ultra Prime 11. Overwatered or otherwise weak concrete surfaces must also be suitably prepared down to sound, solid concrete by mechanical methods. Dust and other debris should be removed using vacuum equipment.

NOTE: 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 as required.

Application:

Apply the diluted primer evenly, using a brush or broom, over the sound, clean and dust-free surface and leave to dry to a clear thin film. Use Ultra Prime 11 diluted 1 : 3 by volume with water for: - priming and as a bonding agent on absorbent cement/sand screeds. Prior to applying ULTRA GREEN ULTRA PRIME 11 sub-floor smoothing compounds. - A bonding agent on smooth concrete walls prior to applying plaster-based compounds. - reducing dusting of internal cement screeds or on sub-floor smoothing compounds which may have to be unavoidably left exposed to foot traffic, etc., for a limited period.

Ultra Prime 11 diluted with an equal volume of water, may be used as an admix with cement/sand as a slurry on a concrete floor as a bonding agent for a screed. The screed is laid before the slurry has dried.

Coverage estimates:

- Pack size 5kg
- 5kg of Ultra Prime 11: - When diluted with 3 volumes of water is sufficient for priming approximately 100 m²
- When diluted with 2 volumes of water is sufficient for priming approximately 60 m² -
- When diluted with an equal volumes of water is sufficient for priming approximately 35 m²

NOTE: These figures are theoretical, due to the wastages and the variety and nature of substrates practical coverage figures may be reduced.

Precautions:

Aqueous synthetic based dispersion. Wash off from skin before drying takes place. Any material splashed into the eye, mouth or nose should be washed away immediately with clean water. Avoid ingestion. Non-toxic and small amounts are unlikely to cause more than temporary discomfort. If large amounts are swallowed, seek medical advice.

Storage:

Ultra Prime 11 has a shelf life of 12 months if kept in a dry, store in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.





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