

TECHNICAL DATA SHEET

PRO LEVEL ULTRA PRIME

Concentrate

DESCRIPTION

High performance acrylic primer designed for use on porous surfaces. Intended for use with the Pro Level Leveling range of floor leveling compounds. Supplied as a concentrate that requires dilution before use (1 part primer into 2 parts water). Pro Level Ultra Prime is a milky white liquid.

FEATURES

- Improves bond and adhesion of leveler to concrete
- Improves leveler flow
- Seals & consolidates minor dust contamination
- Helps improve consistency of leveler surface
- Reduces pin-holes in leveler finish so reduces porosity
- Priming porous surfaces

RECOMMENDED USES

- Priming porous surfaces
- Sealing porous & absorbent concrete

SURFACE PREPARATION

Surfaces must be firm, clean, dry, sound and smooth. All contaminants including grease, oil, wax, curing compounds, dust, plaster droppings and paint must be removed prior to the application. Substrate must be sound and suitable for the intended purpose. All weak and friable material (including laitance) must be removed prior to treatment.

It is recommended that the porosity of the prepared surface is checked before priming. This is commonly done by applying a small amount of water to the surface and observing how quickly it is absorbed. If the water beads or is slow to penetrate into the surface then further treatment may be required. Note that Pro Level Epoxy Prime may be considered for low porosity or dense surfaces as an alternative to Pro Level Ultra Prime. Contact Pro Level before work commences if there is any doubt regarding the suitability of the surface or the required preparation.

MIXING-

Pro Level Ultra Prime is supplied as a concentrate. Dilute 1 part Pro Level Ultra Prime into 2 parts of water prior to using. Ensure product is thoroughly mixed prior to application.

DO NOT DILUTE BEYOND DILUTION POINT. ADDITIONAL WATER WILL WEAKEN THE PRODUCT AND AFFECT THE BOND AND ADHESION PROPERTIES.

APPLICATION

Ensure the surface is porous and has been suitably prepared before priming. This type of primer is designed to penetrate the surface of the substrate. In order to do so, sufficient product must be applied and be allowed to penetrate through the pores. The required amount will depend on surface porosity. For best results apply with a brush or broom. Apply a liberal amount of Pro Level Ultra Prime and work into the pores. High porous surfaces may require damping down with water prior to priming and more than one coat of Pro Level Ultra Prime may be needed. Pro Level Ultra Prime may also be applied using a roller, but care must be taken to ensure enough is applied and that it is worked into the substrate pores.

Ensure that enough primer is used on more porous sections. Primed surface should be touch-dry before covering. This will normally take approximately 30 minutes in normal conditions (20°C and 50% relative humidity).

Take care to ensure the primer does not dry too quickly. This may form a skin on the surface and impede the bond. This is most likely to occur if the surface is very porous or if the conditions are too dry or hot. Do not apply if the surface of the substrate is hot. If the surface dries within 5-10 minutes, the surface may have high porosity, not enough primer applied or the conditions may be unsuitable. (Contact Pro Level for additional advice).

All work must be carried out in accordance with relevant standards and good workmanship practices.

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PHYSICAL PROPERTIES

Appearance	Opaque white liquid
Mixing Ratio	2 parts water/ 1 part Ultra Prime concentrate
pH	8-9
Specific Gravity	1.01g/cm ³

PACKAGING

Pro Level Ultra Prime is supplied in 5 litre plastic containers.

COVERAGE

Approximately 6-8m² per litre depending on porosity of substrate. Exact coverage will vary significantly depending on surface porosity and installation conditions.

CLEAN UP

Pro Level Ultra Prime can be cleaned up using warm water and detergent prior to the product drying. If spills occur, clean up immediately with water.

STORAGE SHELF LIFE

Unopened containers can be stored for up to 12 months in a cool, dry and weatherproof environment. Do not allow contents to freeze.

IMPORTANT NOTES

- Intended for use only on porous surfaces
- Dilution rate is 1 part primer into 2 parts clean water. Do not vary this ratio.
- It is advised that the surface porosity is tested before work commences. This can be done by applying a small amount of water to representative portion of the surface. The water will be easily absorbed into the surface if porous. If the water beads or if it only absorbs slowly, then the surfaces may have limited or low porosity and further surface preparation/assessment is required. The use of Epoxy Prime may be necessary.
- Do not use on non-porous surfaces such as tiles, waterproofing membranes or steel trowel finished concrete.
- In order for this type of primer to work effectively, enough products must be applied to penetrate the surface pores.
- Extra care is required when priming very porous surfaces. It is recommended that in these cases the surface is dampened down with a wet sponge immediately prior to priming. More than one coat of primer may be needed.
- Avoid applying onto hot surfaces or in very warm or dry conditions. This can lead to the primer drying prematurely before it can be absorbed into the substrate pores resulting in a surface film and reducing the overall bond strength.
- Ensure no ponding or pooling of primer is present. Re-work areas flooded with primer. If the primer seems to be drying within minutes it is probable that insufficient primer is being supplied.
- This product will not consolidate a substrate that is dusting, spalling or otherwise unsound. Additional preparation may be required prior to treatment.
- The porosity of the surface may vary across the job. Ensure that sufficient primer is applied to each section.
- Ensure coverage rate is adhered to.

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HEALTH AND SAFETY

Please refer to full MSDS (material safety data sheet) for this product, which is available from Pro Level upon request or through prolevel@optusnet.com.au

TECHNICAL SUPPORT

Pro Level offers a comprehensive range of high quality and performance construction products. In addition, Pro Level offers technical support and on-site advice to specifiers, end users and contractors.

Please contact Andrew Nauta on 0414 570 353 for this service.

The information and any recommendations relating to the application and end-use of all Pro Level products are provided in good faith based on Pro Level's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by Pro Level. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.