

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

LEVELMAX Primer X Timber is a ready-to-use, water-based acrylic bonding primer specifically designed for suitably prepared timber-based substrates prior to the application of cementitious self-levelling compounds, such as LEVELMAX ProFlow.

It is formulated to provide a continuous bonding layer between the timber substrate and the subsequent levelling compound, while helping to regulate substrate absorbency and reduce rapid moisture loss from the levelling compound.

The product has a grey paste consistency.



PRODUCT ADVANTAGES AND FEATURES

- Ready-to-use, water-based acrylic formulation.
- Promotes strong adhesion between suitably prepared timber substrates and cementitious self-levelling compounds.
- Helps regulate timber substrate absorbency and reduce rapid moisture loss from the levelling compound.
- Provides a continuous bonding film when applied at the correct thickness and coverage.
- Low odour.
- Non-flammable.

WHERE TO USE

- Designed specifically for timber flooring systems.
- Ideal for priming suitably prepared timber-based interior floor substrates.
- Highly recommended for use prior to the application of cementitious self-levelling underlayments, such as LEVELMAX ProFlow.
- Suitable for stable and securely fixed timber-based substrates, including approved plywood, particleboard/chipboard and sheet timber.
- Timber substrates must be structurally sound, dry and sufficiently rigid for the subsequent self-levelling system.

TECHNICAL DATA SHEET

Property	Value
Appearance	Grey, paste
Odour	Faint, non-irritating odour
Water solubility (20°C)	Dispersible in water
Flammability	Non-flammable
Recommended Application Thickness	Minimum 1.5 mm total wet application thickness
Application Method	12 mm+ long-nap roller; brush for edges and detail areas
Dilution	None – Ready to use
Number of Applications	1–2 applications depending on substrate absorbency and surface condition
Application Temperature Range	+5°C to +35°C
Drying time before the application of levelling compounds	Approx. 3–4 hours at +23°C and 50% R.H.; primer must be completely dry before application of LEVELMAX ProFlow

APPLICATION PROCEDURE & RECOMMENDATIONS

Recommended Environment

Application temperature range is from +5°C to +35°C. Application and drying performance may be affected by substrate temperature, ambient temperature, relative humidity, ventilation and application thickness.

Substrate Preparation

The timber substrate must be clean, dry, structurally sound, stable and securely fixed. Remove all loose dust, dirt, oil, grease, wax, release agents, previous coatings, adhesive residues and other contaminants that may affect adhesion. Loose, damaged, cracked or unstable areas must be repaired or replaced before application.

- Timber Movement: Timber boards, plywood, particleboard or chipboard and other approved timber-based substrates must be installed and fixed in accordance with the substrate manufacturer's installation requirements.
- Movement, vibration and deflection of the timber subfloor must be minimised before the application of LEVELMAX Primer X Timber. Loose, flexible, unstable or movement-prone substrates must be mechanically secured, repaired or otherwise suitably stabilised before priming.
- Primer X Timber and LEVELMAX ProFlow are not designed to compensate for excessive subfloor movement, flexing or structural instability.
- Mechanical Preparation: Where mechanical sanding or preparation has been carried out, thoroughly vacuum the substrate to remove all residual dust before priming.
- Do not wet timber substrates with water prior to application.

Application

Stir LEVELMAX Primer X Timber thoroughly before use. Apply the product undiluted using a 12 mm or greater long-nap roller. A suitable brush may be used around edges, corners and detailed areas that cannot be adequately reached with the roller.

- Apply evenly in a crisscross pattern across the entire timber substrate.
- Apply sufficient material to achieve a full, continuous and uniform coating with adequate film build across the entire surface.
- The total wet application thickness must be at least 1.5 mm.
- The complete timber substrate must be covered.
- Do not leave exposed timber, missed areas, dry patches, excessively thin sections or visibly inconsistent primer coverage.
- Do not over-roll or spread the primer too thin.
- Do not allow excessive primer to puddle or pool, as localised excessive build-up may cause uneven drying or soft areas beneath the levelling compound.
- Second Application: On highly absorbent timber substrates, mechanically prepared surfaces, or where the first application is absorbed rapidly and does not produce a continuous and uniform primer film, a second application is recommended.
- Allow the first application to dry before applying the additional primer.
- Apply only sufficient additional material to achieve full coverage, a continuous primer film, consistent film build and the recommended total application thickness.
- Do not proceed with LEVELMAX ProFlow while exposed timber, dry patches or insufficient primer coverage remain visible.

Drying

Allow LEVELMAX Primer X Timber to dry completely before applying LEVELMAX ProFlow. Typical drying time is approximately 3–4 hours at +23°C and 50% R.H. Actual drying time may vary depending on application thickness, substrate absorbency, ambient and substrate temperature, relative humidity and ventilation.

- Do not apply LEVELMAX ProFlow while the primer is: wet; tacky; unevenly dried; or visibly insufficient in coverage.
- Before levelling, visually inspect the entire primed area. The finished primer layer must be fully dry, continuous and uniform, with no exposed timber, missed areas or obvious dry patches.

IMPORTANT – TIMBER SUBSTRATES

Complete and continuous primer coverage is essential when applying cementitious self-levelling compounds over timber substrates. Incomplete coverage, insufficient film build or application before the primer has completely dried may allow excessive moisture absorption into the timber substrate. This may result in rapid moisture loss from the levelling compound and increase the risk of premature drying, shrinkage, cracking or loss of adhesion.

Surface Protection Before Levelling

Protect the freshly primed surface from dust, dirt, foot traffic and other site contamination during drying. If the dried primer becomes contaminated before application of LEVELMAX ProFlow, thoroughly vacuum and clean the surface; and apply an additional coat of LEVELMAX Primer X Timber where required before proceeding.

Cleaning

Clean all tools, rollers, brushes and application equipment with water immediately after use while the primer is still wet. Once fully dried or cured, residual material can only be removed mechanically.

PACKAGING & STORAGE

- Supplied in a 20 kg bucket.
- Shelf life is 12 months when stored in the original, unopened packaging.
- Store in a dry, cool and well-ventilated place away from direct sunlight and excessive heat.
- Keep containers tightly closed when not in use.
- Store above 0°C and protect from freezing.

SAFETY & DISPOSAL INSTRUCTIONS

- Personal Protection: Avoid contact with skin and eyes. Wear suitable protective gloves and eye protection during handling and application. Use in adequately ventilated areas.
- First Aid Treatment: For detailed first aid, health and safety information, refer to the current LEVELMAX Primer X Timber Safety Data Sheet (SDS). If exposed or concerned, seek appropriate medical advice.
- Disposal: Minimise waste generation wherever possible. Do not discharge uncured product into drains, sewers, waterways or soil. Dispose of unused product and empty packaging in accordance with applicable local regulations.

LEGAL NOTICE & WARNING

Although the technical details and recommendations contained in this Technical Data Sheet correspond to the best of our current knowledge and experience, the information is intended as a general guide and may be affected by substrate condition, site conditions and application methods.

Users must verify that the product and system are suitable for the intended application prior to use and must follow the current LEVELMAX Technical Data Sheets and Safety Data Sheets.

The contents of this Technical Data Sheet may be reproduced in project-related documentation; however, such documentation does not supplement or replace the current LEVELMAX Technical Data Sheet in force at the time of installation.

The latest version of this Technical Data Sheet is available from: www.levelmax.com.au

Any alteration to the requirements or wording derived from this Technical Data Sheet may exclude responsibility of LEVELMAX Australia to the extent permitted by applicable law.

To the extent permitted by law, LevelMax Australia excludes all warranties not expressly stated in writing and is not liable for indirect or consequential loss. Where liability cannot be excluded, including under the Australian Consumer Law, it is limited, at LevelMax Australia's option, to the replacement of the product or payment of the cost of replacement. Nothing in this document excludes or restricts any right or remedy that cannot lawfully be excluded.