

PROHESIVE[®]

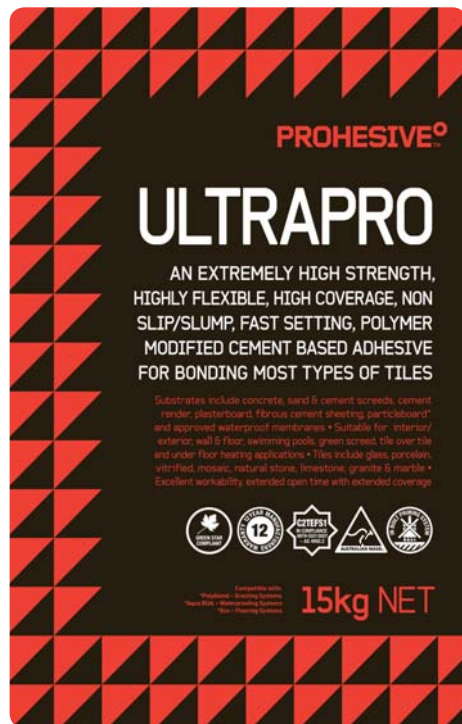
ULTRAPRO

Version: Issue1

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PRODUCT HIGHLIGHTS

- C2 – high bond strength
- E – extended open time
- F – Fast setting time
- T – Non-slip/non-slump
- S2 – highly flexible
- Self priming
- White
- Extended coverage
- Hydrates – chemically cures
- Excellent rheology and workability
- Suitable over green screed and render
- Cost effective
- Water washable
- No odour



BEST FOR:

- Concrete
- Cement render
- Sand/cement screeds
- Rendered brickwork
- Rendered concrete block
- Fibrous cement sheeting (internal use only)
- Plasterboard (internal use only)
- Continuous immersion applications ie. swimming pools and spas
- Existing tiles
- Particleboard*
- Tiling over PROHESIVE approved waterproofing membranes



PROHESIVE ULTRAPRO is a highly flexible, premium quality, white cement based adhesive developed to bond most types of tiles. Ideal for bonding porcelain and monocottura tiles as well as natural stone, marble, granite and mosaic tiles (including glass) onto rendered brickwork, existing tiles, cement render and concrete walls and floors. Suitable for both internal and external applications including swimming pools.

SURFACE PREPARATION

All surfaces must be clean, dry, free from dust, grease, wax, oil, laitance, curing compounds, release agents, paint, coatings, friable material and all other contaminants likely to prevent the adhesive bonding. Fibrous cement sheeting and plasterboard must be fixed in accordance to the manufacturer's directions and should be damp sponged to remove all dust etc. Cement render / screeds must be allowed to cure for 1 day, concrete to be left with a wood float finish and allowed to cure for at least 7 days before tiling. Refer to the substrate test guide below for recommended surface preparation. If tiling over existing tiles then they must be firm and stable. All care must be taken to remove any dust, sealers or other contaminants prior to tiling. Mechanical abraded is recommended. When laying tiles / mosaics in continuous immersion applications ensure that a minimum 90% of adhesive contact is achieved to the back of the tile / mosaic cube, not mesh / matting, (paper or other) or the mesh matting glue. PROHESIVE[™] approved waterproofing membranes must have dried / cured in accordance with the printed directions on the product packaging.

Certain non - absorbent / impervious substrates that are suitable for tiling should be primed using Aqua Blok[™] "Epoxy Seal". For further information, contact the CTA Pty. Ltd. Technical Department.

Aqua Blok[™] "Epoxy Seal" should be used as a primer over Prohesive[™] approved polyurethane waterproofing membranes.

PERFORM THE SUBSTRATE TEST

No water absorbed	Mechanically prepare substrate
Moderate water absorbed	Clean with damp sponge and water
All water absorbed	Broom on liberal amounts of water

This simple test is performed after vacuuming or sweeping a number of test areas and applying a single drop of fresh drinking water from the end of your finger. This should be approximately 20mm wide when it first hits the floor – if it beads and remains whole then "No water is absorbed". If it loses all gloss within 20 to 60 seconds then "Moderate water is absorbed". If the gloss disappears instantly or within 20 seconds then the substrate has "All water absorbed". Look for different surface appearance in your floor and test each to ensure your test is representative of the whole area. Perform test in both a cool shaded area and an exposed sunny area if tiling externally.

*TILING OVER PARTICLEBOARD FLOORING

Particleboards must be dry, sound and free from any movement. Must be a minimum of 19mm thick with 450 centres. Secure floor with additional nails and wedges if necessary as per manufacturer's instructions. Particleboards must be thoroughly sanded to expose a fresh surface and must be primed with a PROHESIVE[™] approved primer prior to tiling. Thoroughly remove all dust and friable material. A minimum of 4mm adhesive bed thickness is required.

manufactured by:



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T 02 9756 0066
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www.prohesive.com.au

MOVEMENT JOINTS

Movement joints must be incorporated at the design stage and in accordance with AS3958.1-2007.

MIXING

15kg of PROHESIVE™ "ULTRA PRO" powder requires approximately 5.5 to 6 litres of water. Add a measured amount of water into a clean container and sprinkle PROHESIVE™ "ULTRA PRO" slowly into the liquid with constant stirring. Eliminate lumps. Mix to a thick toothpaste consistency. Allow to stand for 5 minutes. Then re-mix. The adhesive is now ready to use.

APPLICATION

All workmanship must be carried out in accordance with AS3958.1- 2007. Apply the mixed adhesive to the prepared substrate using the appropriate notched trowel for the size of the tile being laid. A minimum of 1mm bed thickness for walls and a minimum of 3mm and a maximum of 8mm bed thickness for floors must be achieved. Ensure that the tiles are fully supported by the adhesive with no voids. Do not spread more than 1m² of PROHESIVE™ "ULTRA PRO" at a time. Lay tiles into the adhesive before it skins. If the adhesive skins, re-spread the adhesive. Do not disturb tiles until the adhesive has cured. Discard any PROHESIVE™ "ULTRA PRO" that has hardened or stiffened in the mixing bucket. Further addition of water will not reconstitute a useable mixture.

DRYING

Prior to allowing foot traffic or grouting allow a minimum of 4 - 6 hours for the adhesive to set (or when tile work is firm) and between 24 – 48 hours when tiling over PROHESIVE™ approved waterproofing membranes and non porous substrates. PROHESIVE™ "ULTRA PRO" must not come into contact with water at any stage during curing. Do not tile if temperatures are likely to drop to below 5°C or exceed 35°C. For temperatures below 20°C allow the adhesive to cure for an extended period of time. If uncertain check to see if the adhesive has set before allowing foot traffic or grouting. For continuous immersion applications allow a minimum of 14 days.

GROUTING

Use the appropriate POLYBLEND™ recommended grout. Allow joint widths of 1.5mm to 5mm for walls and 3mm to 15mm for floors as per AS3958.1-2007. Thoroughly clean the surface of the tiles to remove all residue prior to the grout drying.

CLEAN UP

PROHESIVE™ "ULTRA PRO" can be removed from the surface of the tiles using a damp cloth while the adhesive is still wet. Tools and equipment can be cleaned with warm water and detergent prior to the adhesive drying.

POT LIFE

1.5 - 2 hours at 22°C and 50%RH Setting time: 4 - 6 hours at 22°C and 50%RH.

COVERAGE

1kg powder per m² using a 6mm notched trowel and 2kg powder per m² using a 12mm notched trowel.

SHELF LIFE

Unopened bags can be stored for up to 12 months in a cool, dry and weatherproof environment. Bags must be stored off the floor.

SAFETY DIRECTIONS

PROHESIVE supports best practice in material handling: gloves, mask, safety goggles and protective clothing should be worn. If the product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the dust by wearing a suitable dust mask and provide adequate ventilation. If swallowed drink plenty of water and seek medical advice. In case of contact with the eyes, rinse with an eye wash or wash away with plenty of water.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia: 13 11 26, New Zealand: 0800 764 766). EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS). SEE THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

LIMITATIONS

- * Only to be used on particleboard flooring that is suitable for tiling
- Not suitable for tiling directly onto tongue and groove or natural timber substrates.
- Not suitable for MDF and Masonite
- Not suitable for tiling over waterproofing membranes unless it is an PROHESIVE™ approved product.
- Not suitable for tiling directly onto metals or plastic substrates.
- Not suitable for tiling directly onto polyurethane membranes, contact the CTA Technical Department for further information.
- Not suitable for impervious substrates, unless mixed with PROHESIVE™ "PRO LASTIC".
- Not suitable for moisture sensitive tiles / stone or green marble.
- Do not mix or apply adhesives in temperatures below 5oC and above 35oC and under extreme hot and windy conditions.
- External tiling must not exceed 2.7m in height.
- Suspended concrete slabs must conform to AS3958.1-2007 for maximum deflection. Any post - tensioned concrete slab must be treated as a flexible substrate.
- Contact the CTA Technical Department for further details.

GUARANTEE

CTA Pty. Ltd. guarantee this product for 12 years provided application is in accordance with manufacturer's written directions for use and the Australian Standard for Tiling Practice (AS3958.1-2007). The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will CTA Pty Ltd. be liable to anyone except for replacement of the products or refund of the purchase price.

manufactured by:

