

TECHNICAL DATA SHEET

PRODUCT IDENTITY

LEVELMAX ProBond is a wall and floor tile adhesive.

CLASSIFICATION

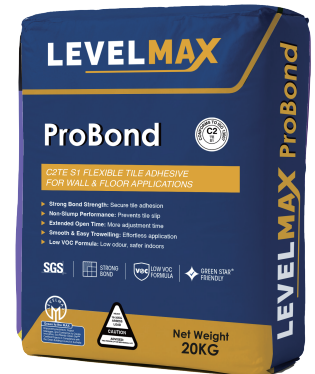
C2TE S1 (according to ISO 13007)

BENEFITS AND FEATURES

Excellent bond strength
Excellent workability
Non-slump performance
Extended open time
Deformable adhesive

CHEMICAL COMPOSITION

Ordinary Portland cement: 40%
Calcium carbonate sand: 54.96%
Redispersible polymer powder: 5%
Cellulose ether: 0.04%



WHERE TO USE

Suitable for interior and exterior wall and floor installation of:
Ceramic tiles
Porcelain and polished porcelain tiles
Natural stone
Mosaics

SUITABLE SUBSTRATES

Concrete, cement render and cement screeds
Fibre cement sheet and plasterboard (walls only)
Compressed fibre cement sheet (interior floors only)
Existing tiles (interior dry areas only)

SUBSTRATE PREPARATION

Substrates must be flat, mechanically strong, dry and free from dust, grease, oils, paint, wax, release agents and loose materials.
Concrete: cure for at least 4 weeks. Smooth, high-strength concrete (above 35 MPa) must be mechanically abraded.
New cement render and screeds: cure for at least 7 days.
Existing tiles (interior dry areas only): mechanically abrade to remove approximately 80% of the glaze, then remove all dust.
Uneven floors: level with LEVELMAX ProFlow over LEVELMAX Primer X Concentrate before tiling.

MIXING

Mix with clean water until a smooth, lump-free paste is obtained.
Allow the mixture to rest for approximately 5 minutes, then remix.

MOVEMENT JOINTS

Install movement joints in accordance with AS 3958.

APPLICATION

Apply the adhesive to the substrate using a notched trowel.
Spread a thin initial layer using the flat side of the trowel, then apply the desired thickness using a suitable notched trowel.

INSTALLING TILES

Tiles do not need to be wetted before installation.
Apply firm pressure to ensure proper coverage of the adhesive.

LIMITATIONS AND PRECAUTIONS

Do not use in swimming pools, water tanks or other permanently immersed areas.
Not suitable for driveways or other areas subject to vehicle traffic.
Do not use on metal, timber or other substrates subject to movement or deformation.
Moisture-sensitive natural stone: contact LEVELMAX technical support and carry out a trial before use.
Do not apply at ambient or substrate temperatures below +5°C or above +35°C.
Cover aluminium doors, windows and glass with protective film before tiling. Dried adhesive leaves permanent marks.



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Consistency	Powder
Colour	White
Odour	Slight odour
Bulk Density	1250 kg/m ³
Density of the Mix	1420 kg/m ³
pH	Approx. 13
Dry Solids Content	100%
Water Solubility (20°C)	Slightly soluble; hardens with water

APPLICATION DATA (at +23°C and 50% R.H.)

Mixing Ratio	5.2 L clean water per 20 kg bag
Application Temperature Range	+5°C to +35°C
Open Time	30 minutes
Pot Life	2 hours
Ready for Grouting / Light Foot Traffic	after 24 hours

MECHANICAL PROPERTIES

ISO 13007

	Requirement (C2TE S1)
Tensile Adhesion Strength (MPa)	≥1.0
Tensile Adhesion After Water Immersion (MPa)	≥1.0
Tensile Adhesion After Heat Aging (MPa)	≥1.0
Tensile Adhesion After Freeze & Thaw Cycle (MPa)	≥1.0
Extended Open Time Tensile Adhesion After 30 Minutes (MPa)	≥0.5

CONSUMPTION

6 mm square-notch trowel: approximately 9.0–10.0 m² per 20 kg bag

10 mm square-notch trowel: approximately 5.0–6.0 m² per 20 kg bag

Actual consumption depends on substrate flatness, tile size and application technique.

PACKAGING, STORAGE AND SAFETY

Packaging: 20 kg bag. Shelf life: 12 months in the original unopened packaging, stored in dry conditions.

Storage: Protect from moisture and store in a cool, dry place.

Safety: Avoid contact with skin and eyes. Wear protective gloves and eye protection during application.

Refer to the SDS for detailed safety information. The latest Safety Data Sheet is available from www.levelmax.com.au.

DISCLAIMER AND LIMITATION OF LIABILITY

The information in this Technical Data Sheet is based on laboratory testing and practical experience and is intended as a general guide only. As site conditions, substrate quality and application methods are beyond our control, LevelMax Australia cannot guarantee performance for every application. Users should carry out preliminary tests to verify suitability.

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