

CEMIMAX DT88

A polymer-modified, cement-based tile adhesive

Description:

Cemimax DT88 is a polymer-modified, cement-based tile adhesive designed for the installation of quarry, ceramic, porcelain, and most natural stone tiles, including mosaics. It is suitable for use on a wide range of interior substrates, including exterior-grade plywood, as well as exterior concrete and masonry surfaces.

DT88 provides excellent adhesion and versatility, making it suitable for both wall and floor applications in residential and commercial projects. It can be used for the installation of porcelain tiles on common interior surfaces and on exterior horizontal concrete and masonry substrates.

Recommended for most tile sizes, Cemimax DT88 delivers reliable performance, ease of application, and long-lasting bond strength across a variety of tiling applications.

Product Features & Benefits:

- Suitable for the installation of porcelain, quarry, ceramic, natural stone, and most other tile floor and wall coverings.
- Water-resistant formulation for reliable performance in wet areas.
- Easy to mix, apply, and work with on-site.
- High bond strength for secure tile installation and long-term durability.
- Single-product solution suitable for both interior and exterior applications.
- Ideal for use on floors and walls in residential, commercial, and industrial environments.

Compliance & Classification:

- Tested by a **NATA-accredited laboratory** in compliance with **ISO/IEC 17025** quality and competency requirements.
- Complies with the performance requirements of **ISO 13007-2** for ceramic tile adhesives.
- Classified as **C2TES1** in accordance with ISO 13007, indicating:
 - C2** – Improved cementitious adhesive with enhanced bond strength.
 - T** – Reduced slip for vertical applications.
 - E** – Extended open time for improved workability.
 - S1** – Deformable adhesive suitable for substrates subject to movement and thermal stresses.

Technical Data:

	Mixing ratio:	5 Litres (5.28 U.S.qts.) of water/bag
	Pot life:	4-5 hours
	Working time:	Approx. 30 minutes
	Regulation time:	Approx. 5 minutes
	Working temperature:	5°C to 35°C
	Color:	Grey
	Packaging:	20 kg
	Storage:	Store in a cool, dry area. Do not leave bags exposed to sun.
	Self life:	12 Months
	Rating:	C2TES1 rating
	Suitable for:	Suitable for moisture sensitive stone.

**C2TES1
RATING**



**SUITABLE FOR
MOISTURE SENSITIVE
STONE**

COMPLIANT WITH STONE

- ✓ Tested by NATA Accredited Laboratory in compliance with ISO/IEC 17025
- ✓ Complies with ISO 13007-2
- ✓ C2TES1 rating in accordance with ISO 13007

APPROXIMATE COVERAGE PER 20 kg BAG

Trowel size	Coverage (ft ²)	Coverage (m ²)
 1/4" x 3/8" (6 mm x 9 mm) square-notched	60 - 70	5.6 - 6.5
 1/2" x 1/2" (12 mm x 12 mm) square-notched or 3/4" (18 mm) half-loop	40 - 47	3.7 - 4.4



Coverage rates are approximate and may vary depending on substrate condition, trowel angle, tile profile, and installation method.

Suitable Substrates:

Cemimax DT88 is suitable for installation over a wide range of properly prepared substrates, including:

- Concrete cured for a minimum of 20 days.
- Engineered screeds and cementitious screeds.
- Cement-based levelling compounds and patching mortars.
- Existing ceramic and porcelain tiles (tile-over-tile applications).
- Approved waterproofing membranes (WPMs).
- Approved moisture barrier systems.
- Exterior-grade plywood, particleboard (Yellow Tongue), and timber substrates for interior floor applications.
- Metal substrates for interior applications only (contact the Cemimax Technical Team for project-specific recommendations).

www.cemimaxaustralia.com

Sydney Warehouse: 5 Coates Place, Wetherill Park NSW 2164.
Melbourne Warehouse: 21 Paul Joseph Way, Truganina VIC 3029

CEMIMAX DT88

A polymer-modified, cement-based tile adhesive

Application Areas:

- **Horizontal (Floors):** Interior applications only.
- **Vertical (Walls):** Interior and exterior applications.

Note:

Certain substrates may require priming prior to installation. Refer to the Cemimax Technical Data Sheet or contact the Cemimax Technical Team for substrate-specific recommendations.

Jobsite Temperature:

During installation and curing, both substrate and ambient temperatures must be maintained between **5°C and 35°C**. When installing over an underfloor heating system, the heating must be switched off at least **24 hours prior to installation**, remain off throughout the installation process, and stay off for a minimum of **48 hours after completion** to ensure proper curing and optimal adhesive performance.

Substrate Preparation:

Proper substrate preparation is essential to achieve maximum bond strength and long-term installation performance. Do not use acid etching, adhesive removers, solvents, or other chemical cleaning agents, as these may leave residues that can adversely affect adhesion.

Sanding or grinding may be used to remove loose surface material, laitance, residual coatings, and general surface contamination. However, sanding alone may not be sufficient to remove deeply penetrated contaminants from concrete substrates.

The substrate must be dry, structurally sound, stable, and free from all bond-inhibiting materials, including but not limited to dust, dirt, oils, grease, wax, paint, plaster, curing compounds, unapproved sealers, weak surface layers, and unsuitable adhesive residues.

Safety Note:

Appropriate personal protective equipment (PPE), including a dust mask or respirator, safety glasses, gloves, and protective clothing, should be worn during all stages of substrate preparation and installation.

Subfloor Smoothing and Levelling Options:

Cemimax recommends the use of a complete Cemimax flooring system wherever possible to maximise performance, reduce installation risks, and ensure long-term durability. However, installers may select alternative approved systems where appropriate.

Interior Applications

- **Cemimax DL33-DL55 Levelling Compound**
- Primer required: Cemimax **DP60, DP70, or DP89**
- Contact the Cemimax Technical Team for primer selection based on the substrate type and site conditions.

Exterior Applications

- **Cemimax DL59**
- Alternatively, contact a Cemimax representative for product recommendations based on the specific project requirements and substrate conditions.

Wet Areas

- **Cemimax DL59**
- **Cemiscreed**
- Primer required: **Cemimax DP60, DP70, DP89, DP80 or DP90**
- Contact the Cemimax Technical Team for substrate-specific recommendations and moisture management requirements.

Timber Substrates

- **Cemimax DL59**
- **Cemimax DL59 Flex**
- Primer required: **Cemimax DP80 or DP90**
- Contact the Cemimax Technical Team for guidance based on the timber substrate and project requirements.

Existing Tile Surfaces (Tile Over Tile)

- **Cemimax DL33-DL55**
- Primer required: **Cemimax DP80 or DP90**
- Contact the Cemimax Technical Team for preparation requirements and primer recommendations.

Note:

Product selection may vary depending on substrate condition, moisture levels, project requirements, and environmental exposure. Contact the Cemimax Technical Team for project-specific recommendations.

Mixing and Application Instructions

For each **(20 kg)** bag of Cemimax DT88, add **5 litres of clean water** to a suitable mixing container. Gradually add the powder to the water while mixing continuously for **2–3 minutes** until a smooth, homogeneous consistency is achieved.



Construct a sustainable future

CEMIMAX DT88

A polymer-modified, cement-based tile adhesive

Allow the mixture to stand (slake) for **5–10 minutes**, then remix briefly before use. For best results, use a low-speed electric mixer. If mixing by hand, use a margin trowel and mix thoroughly to achieve a smooth, lump-free consistency.

Using the flat side of the trowel, key a thin layer of mortar into the substrate to promote maximum adhesion. Then apply additional mortar and comb with an appropriately sized notched trowel to ensure full and uniform coverage of the tile or stone.

Apply only as much mortar as can be covered with tile while the adhesive remains workable. Cemimax DT88 is classified as having an **extended open time of at least 30 minutes** under standard conditions. For optimum performance, tiles should be adjusted within **5 minutes** of placement.

Do not install tiles or stone onto adhesive that has developed a surface skin. Periodically check adhesive transfer to ensure adequate coverage is being achieved.

Tiles may be grouted after **24 hours**, depending on site conditions, substrate type, and ambient temperature.

Disposal

Dispose of empty packaging and any unused material in accordance with applicable local, state, and federal regulations. Do not dispose of product residues in drains, waterways, or natural environments.

Safety Recommendations :

- Read and understand the Safety Data Sheet (SDS) before handling or using this product.
- Wear appropriate personal protective equipment (PPE), including safety glasses, protective gloves, long sleeves, and suitable footwear.
- When mixing, avoid creating excessive dust. Use in well-ventilated areas and wear a suitable dust mask or respirator where airborne dust may be generated.
- Avoid contact with eyes, skin, and clothing. Wet cement-based products may cause skin irritation or burns upon prolonged exposure.
- Do not ingest the product. Wash hands thoroughly after handling and before eating, drinking, or smoking.
- In case of eye contact, immediately flush with clean water for at least 15 minutes and seek medical attention if irritation persists.

- If skin contact occurs, wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse.
- Keep out of reach of children.
- Store in a cool, dry area and protect unopened bags from moisture and direct sunlight.
- Clean tools and equipment with water immediately after use. Hardened material can only be removed mechanically.



www.cemimaxaustralia.com

Sydney Warehouse: 5 Coates Place, Wetherill Park NSW 2164.

Melbourne Warehouse: 21 Paul Joseph Way, Truganina VIC 3029