



TERMORTAR

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TERMORTAR PRIMER BONDING AGENT FOR USE WITH TERMORTAR SCREEDS, RENDERS and GROUTS

Termortar Primer is a liquid polymer additive designed to improve shear and tensile bond strength of Termortar (screeds, renders and grouts), meeting the requirements of;

AS 3660.1 2000,

AS 3660.3 2000

AS 3700-2001

AS 3598-2007

AS 4347.1:1995

AS 2904 1995

CSIRO TA 316.

CSIRO Test Report No:4591A

Creating a physical termite barrier, against the ingress of subterranean termites.

When mixing with Termortar and Termortar Primer this creates a **waterproof barrier** and also improves adhesion to low absorption off form concrete. Termortar Primer can be used internally or externally.

QUALITY PRODUCT

TERMORTAR PRIMER is manufactured and tested to procedures, which are maintained in accordance with Quality Standard ISO 9001. Material Safety Data Sheets are available upon request.

Product Limitations:

- If Termortar Primer is to be used on heated concrete slabs, it must be used undiluted.
- In exterior conditions, it is essential to provide protection from all extremes of climate (rain, humidity and temperature limitations) during the whole fixing & rendering process.
- Dense concrete with compressive strength over 35 MPa and up to 50 MPa should be shot blasted or scarified to provide a suitable roll surface profile.
The dust and loose particles should be removed with a vacuum cleaner.
- Should the concrete exceed 50 MPa, contain any water repellent admixture or rising damp, please contact Termortar.

Surface Preparation:

Surfaces must be consistently flat and firmly fixed. Clean off dust, oil, grease and loose contaminating materials. Ensure surfaces are dry, with no residue or permanent damp> When using Termortar with adhesives, prime porous surfaces with Termortar Primer. New Brickwork walls should be left for at least 7 days prior to rendering.

Concrete slabs subject to rising damp must first be treated with Termortar Primer. If the slab is to be screened or rendered, apply a slurry coat of Termortar Primer and Termortar before doing so. If the slab is to be tiled over directly, use undiluted Termortar Primer mixed with Termortar.

Mixing: Termortar as;

1. Slurry coat: Mix four parts Termortar to one part undiluted Termortar Primer by weight or (4 parts Termortar to 1 parts Termortar Primer by volume).
2. Mortar mix 20kg Termortar to 3.75 – 4 litres clean water.
3. Render mix 20kg Termortar to 3.75 – 4 litres clean water.
4. Screed mix - Prepare a 1 part Termortar Primer to 3 parts clean water solution (by volume) and mix 20kg Termortar to 4.5 – 5 litres (primer & water mix).
5. Grout mix – Prepare a 1 part Termortar Primer to 3 parts clean water solution (by volume) and mix 20kg Termortar to 2 – 2.5 litres (primer & water mix).

Note: The actual amount of liquid will depend on the desired consistency for the job and the ambient temperature (for any given consistency more liquid will be required at high temperature and less at low temperature). The variations in liquid supply when mixed with Termortar for (Mortar, Render, Screed & Grout) will meet the required hardness to act as a physical termite barrier against the ingress of subterranean termites.

Application

RENDER (As per AS 3958.1 -2007) & (AS 3700-2001)

- First apply a slurry coat using a roller, brush, or a flat trowel, to a maximum thickness of 2mm. While the slurry coat is still wet, apply render over it.
- Apply the Termortar with a wood flat trowel.
- Ensure firm pressure on the trowel to work the render into good contact with the surface. Recommended thickness of render is 3-10mm
- Renders are applied in the normal manner up to 13mm thick and allowed to take their initial set. Render in excess of 13mm should be, applied in a two-coat operation..

Note; "V" Joint / Separation Line

The "V" Joint is to be used as a separation point between Termortar Render and standard cement render the "V" joint will act as an inspection zone for the detection of subterranean termite mudding.

SCREED (as per AS 3958.1-2007) & (AS 3700-2001)

- First apply the slurry coat using a roller, brush or a float trowel, to a maximum thickness of 2mm. While the slurry coat is still wet, apply the screed mix.
- Use a straight edge, trowel or timber batten to level the screed. Recommended minimum thickness of screed is 3-5mm.
- Screeds should be left with a wood float finish to create a key for tiling/waterproofing.
- For a thickness greater than 40mm, reinforcing mesh is required. When reinforcing the screed with galvanised mesh, apply first layer of screed, lay in the mesh and apply the second layer of the screed. Do not lay the mesh directly onto the substrate.

GROUT (as per AS 3958.1-2007) & (AS 3700-2001)

- First apply the slurry coat using a roller, brush or a float trowel, to a maximum thickness of 2mm. While the slurry coat is still wet, apply the grout mix.
- Apply the Termortar with a wood flat trowel or pointing tool.
- Ensure firm pressure on the trowel to work the grout into good contact with the surfaces.
- Recommended Termortar grout thickness for tilt slab panels is 25-50mm.

Movement Joints

Movement joints must be in accordance with AS 3700-2001. As a general guide, movement joints should be incorporated at 6 metre maximum intervals and around the perimeter of the building.

Any structural movement joints must be carried through to the face of the brickwork. These joints should be no less than 6mm wide and kept free from adhesive and render. They should be filled with a suitable flexible sealant such as Alterm No More Solder Termite Proof Silicone.

Drying Time: (mortar, render, grout & screed)

Approximately 24 hours at 23 degrees Celsius and 50% humidity

Note; Initial set time for all mixes may vary depending on the ambient temperature and relative humidity. (Approx 1 hour at 23 deg Celsius)

Cleaning:

Clean tools with water before the mortar sets. Remove excess mortar from the surface immediately with a damp cloth.

Coverage:

Approx. coverage per 5 Litre unit is:-

- Slurry coat: 16 square meters.
- Render: Termortar 20kg bag; 2 square meters at a bed thickness of 10mm.
- Screed: Termortar 20kg bag; 4 square meters at a bed thickness of 5mm.
- Grout: Termortar 20kg bag; yields 0.011 cubic metres.

Shelf Life

12 months when stored in the original unopened packaging, in a dry place at 30 degree C and 50% relative humidity. Protect Termortar Primer liquid from frost – do not freeze.

Safety Data:

Termortar Primer is non-toxic, however, if it comes into contact with the eyes, wash immediately with plenty of water and seek medical treatment. To avoid skin contact, gloves and protective clothing should be worn.

Guarantee:

Termortar products are guaranteed for fifty years when installed to the relevant Australian Standard, Termortar Specifications, current technical data sheets and instructions for use. Details can be obtained from Termortar Pty Ltd.