



CEMCO 20

Ultra Light Crème Flexible Adhesive

Cemco 20 is a very economical, water resistant tile adhesive suitable for most types of tiles in interior or exterior situations. It is a cement-based, rubber-modified and non-slump tile adhesive. Cemco 20 has the flexibility to suit most substrates where slight movement is anticipated.

Cemco 20 is classified as C1S1TE when tested to AS4992.2 by and independent body.

Advantages

Great value:	Very economical.
Excellent flexibility:	Allows for normal building movement.
Higher bond strength:	Cement-based and suitable for most types of tiles.

** Available in Westbuild FlexiPack™



Product Attributes

Uses

Substrates

Concrete Floors: New concrete should be at least 21 days old and if smooth, the surface should be roughened to obtain a good bonding key. Ensure release agents are removed from concrete surfaces especially on tilt up slabs. Old concrete surfaces must be cleaned thoroughly prior to tiling.

Cement Screeds: Traditional cement screeds should be float finished and at least 7 days old prior to tiling.

Cement Render: The render should be sound and float finished, providing a good bonding key. Render should be reasonably thick and at least 24 hours old.

Plasterboards: The joining compound must be primed. There is no need to prime the paper surface.

Cement Fibre: All cement fibre sheeting should be primed prior to tiling.

Painted Surfaces: All loose and flaking paint must be removed and water based paints should be removed thoroughly (do not use paint strippers). Painted surfaces should be scabbled or abraded until 80% of the original substrate is exposed.

Existing Tiles: Ceramic tiles should be sound and must be coated with Westbuild PRO™ Multi Surface Prime & Prep before applying Cemco 20.

Waterproof membranes: Any membrane must be fully cured prior to application, installed as per manufacturer's recommendation and suitable for tiling.

Tiles: Natural stone, mosaic, ceramic, monocottura and fully vitrified tiles.

Surfaces: Walls and floors.

Location: Interior and exterior (providing there are adequate falls and no constant water immersion).

Performance: Residential and commercial.

For more information on suitable substrates or substrates that are not listed above, please contact a Cemco Industries Sales Representative.



<u>Colour</u>	Ultra light crème.
<u>Packaging</u>	20kg bag (56 bags per pallet).
<u>Coverage</u>	20kg will cover approximately 7.0 – 7.5m ² using a 10 x 10mm trowel on a consistently flat surface.
<u>Shelf Life & Storage</u>	12 months when stored in a dry place in the original, unopened packaging. Do not store on concrete floors. High levels of humidity will reduce the shelf life of the product.

Technical Data

Product Identity

<i>Form</i>	Powder
<i>Colour</i>	Light cream

Application Properties

<i>Setting Time</i>	8 hours
<i>Pot Life</i>	2.5 hours
<i>Adjustability Time</i>	30 minutes

Application properties are dependent on temperature and relative humidity.

Classification according to AS4992	C1S1TE
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Installation

Surface Preparation Remove any dust, oil, grease and all loose contaminating materials. Ensure surface is dry before tiling with no residue or permanent damp. Surface must be consistently level or flat, and firmly fixed. Porous surfaces need to be primed with a suitable Westbuild PRO™ Primer (see Related Products section).

Water Ratio 1 bag to 5.4 litres of water

Mixing Add powder to water and mix to a thick, smooth consistency. Allow to stand for approximately 5 minutes. Stir the mix again and the adhesive is ready to use. Under no circumstances should more water be added to the mixture once the product has exceeded its pot life.

Application Ensure the back of the tile is free from dust. Use a 10 x 10 x 10mm notched trowel for floors and a 6 x 6 x 6mm notched trowel for walls (a 10 x 10 x 10mm notched trowel is recommended for larger wall tiles).

Movement joints should be provided as per the current Australian Standards as at the time of tile installation. Movement joints should go right through the tile adhesive bed to the background and be kept free from dirt and excess adhesive.

Do not spread more than 1 metre of adhesive at a time to ensure the adhesive does not skin prior to bedding the tiles. Press and slide the tile at right angles ensuring the tiles are well bedded and there are no voids under the tiles. Make sure the newly tiled surface is not disturbed for a minimum of 8 hours.

Allow to dry before grouting.

Drying Time Approximately 24 hours depending on surface porosity and ambient temperature.

Cleaning Clean any excess adhesive from tiles, tools and hands with water while material is still wet.



Attention

Although Cemco 20 is water resistant, do not use to install tiles under continuous water immersion (e.g. swimming pools, ponds, water features). For tiling under continuous water immersion use Ultra Grip tile adhesive.

All external tiling should have adequate water runoff (and/or drainage) with no freestanding pools of water.

Do not use for tiling directly over timber or metal floors. For tiling over timber floors contact Westbuild for suitable solutions.

Do not use to fix green marble.

High temperature working – always spread smaller amounts of adhesive to avoid the adhesive skinning prior to bedding the tiles.

Do not apply in temperatures above 40 degrees Celsius. See Related Products section for alternative solutions.

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Safety Precautions

All cement-based products are alkaline and can cause irritation. Although this product is not considered hazardous, a dust mask should be worn when handling the material. Contact with the eyes and repeated and prolonged skin contact should be avoided.

Technical/Safety Data

TECHNICAL DATA SHEETS (TDS) AND SAFETY DATA SHEETS (SDS) are available on request and should always be referenced before handling this product and before the commencement of any works. A WESTBUILD Representative is always available should you require further information. Visit our website for further information on the use of this product and suitability for your application.

Guarantee

WESTBUILD Products Pty Ltd guarantees this product for 10 years after the project completion date subject to terms and conditions. The product must be used for the purpose intended and all tiling works must be to the applicable Australian standards at the time of use. Please refer to WESTBUILD'S full guarantee documentation available on request.

Related Products

Westbuild PRO™ Multi Surface Prime & Prep
Westbuild PRO™ Flexible Additive Fortifier & Primer
Westbuild PRO™ Wet Area Waterproofing
Ultra Grip Tile adhesive

It is the responsibility of the user to ensure that products are used in accordance with the Westbuild Products Pty Ltd instructions for use, and Australian Standard procedures in applications for which they are intended. Westbuild Products Pty Ltd and its associated companies cannot guarantee and are not liable for the use of their products outside of Australian Standards guidelines and the Westbuild Products Pty Ltd instructions for use. The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge at time of printing. Freedom from patent restrictions should not be assumed.

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