



WallLite

New FastFix LiteWeight Technology



MCB™ Beaumont Tiles WallLite is the ultimate performing universal, high grab, non-slump, light weight thin bed wall tile adhesive. **MCB™ Beaumont Tiles WallLite** has unprecedented bond strength with excellent handling characteristics for a wide variety of wall tile installations. Excellent for setting all sizes of tile or stone, **MCB™ Beaumont Tiles WallLite** will not sag or slip on walls and offers enhanced non-slump performance and adhesion to both porous and dense surfaces. **MCB™ Beaumont Tiles WallLite** has exceptionally long open time, which makes it ideal for fixing tiles requiring intricate or complex set outs or cuts. Formulated with the latest Lite Weight Technology, **MCB™ Beaumont Tiles WallLite** is 40% lighter than traditional mastic adhesives meaning a 12.5 kg pail covers as much or more than 20 or 22kgs of traditional mastic. **MCB™ Beaumont Tiles WallLite** is suitable for interior installations and exceeds the requirements of ISO 13007.

PRODUCT FEATURES

- Immediately ready for use from pail - No waste
- No lost time mixing
- D2 – High bond strength
- E – Extended open time
- T – Non slip/slump
- Highly flexible
- Light weight OHS friendly, good for business and employees
- Self-priming
- Thin bed (1.5-3.0mm)
- Suitable for tile and stone up to 35kgs per square metre
- Excellent for use in bathrooms and dry areas and ideal for shop-fitting applications
- Exceeds AS 4992 requirements
- Off white
- Excellent rheology – supports tiles like no other
- Water washable
- Low VOC
- Cures with either both or only 1 porous surface

SUITABLE TILE TYPES

- Fully vitrified, semi-vitrified or non-vitrified tiles*
- Ceramic, mosaic, quarry and cement body tiles
- Terracotta
- Impervious porcelain*
- Thin brick
- Natural stone: including marble, granite, limestone & travertine*
- Glass mosaics
- Glass tiles*

AREAS OF USE

- Interior wall applications
- Walls, counter tops and shop-fitting
- Fully protected exterior wall tiling

SURFACE PREPARATION

General

Ensure that the surface is dry and clean. Remove any loose material and all contaminants such as grease, oil and dust prior to applying. Make certain that there are no undulations in the surface that may require **MCB™ Beaumont Tiles WallLite** to be applied at a final bed thickness in excess of 5mm. If necessary fill depressions with Custom Building Products Gen Patch or Silk available from CTA™

PERFORM THE SUBSTRATE TEST

No water absorbed From either tile or substrate	Consult CTA™ Use MCB™ UniLite where both surfaces are impervious
Moderate water absorbed by either the tile or substrate	Clean with a damp sponge and remove any dust, allow to dry.
All water absorbed by the substrate	Prime the substrate ONLY with CTA™ Eco Systems Eco Prime WB

This simple indicative test is done after dusting off a number of test areas and applying a single drop of fresh drinking water from the end of your finger. This should be approximately 10mm wide when it first hits the surface, if it beads and remains whole or runs immediately off the surface, then “No water is absorbed”. If it loses all gloss within 20 to 60 seconds then “Moderate water is absorbed”. If it is absorbed immediately or the gloss disappears instantly or within 20 seconds then the substrate has “All water absorbed”. Look for different surface appearances in your wall and test each to ensure your test is representative of the whole area. Perform the water test on each of your tiles. If in doubt please contact CTA™.

SUBSTRATES/BACKGROUNDS

Concrete Walls/Off Form

Allow at least 28 days for the concrete (100mm) to cure. Concrete should be left with an open surface. They should display the “moderate water absorption” result in the substrate test. All traces of curing compounds (or sealers) should be removed prior to tiling as these can act as release agents. The surface should be flat and even.

High Density and Tilt Slab

These may require additional preparation, Eco Systems Prep'n'Prime, epoxy priming or other. Consult CTA™.

Sand/Cement Renders

The sand/cement renders must conform with the appropriate standard and should be left with a wood float finish and left to cure for at least 7 days up to 25mm thickness.

Sheet Walls

Plasterboard and fibre cement sheeting must be solidly fixed in accordance with the manufacturer's instructions specifically for tiling and should be wiped with a damp sponge prior to tiling. Remove top coats as these are generally water soluble.

Compressed Fibre Cement Sheeting

Boards must be solidly fixed in accordance with manufacturer's instructions specifically for tiling and should be wiped with a damp sponge prior to tiling. Allow to dry. Note use small format mosaic or porous tile only with this substrate or alternately select MCB™ UniLite.

CTA™ Certified Waterproofing Membranes

Waterproofing membranes must be allowed to cure as per the product's specification. Small format mosaic or porous tile only is recommended on membranes to ensure thorough cure.

APPLYING

- Tiles should be fixed in accordance with Australian Standard AS3958.1 – 2007.
- Ensure the back of each tile is clean and free from dust or other contaminants.
- The adhesive should be applied in areas not exceeding one square metre at a time to ensure the adhesive does not skin prior to fixing. Notch the adhesive with the correct sized trowel in a straight line avoiding swirls. While pressing the tiles into the adhesive, slide them at 90 degrees to the direction of the notches for about the distance of the notch; i.e. 6mm for a 6mm notched trowel. This ensures that the whole back of the tile is in contact with the adhesive.
- It is advisable to remove tiles regularly to check that the whole of the back of the tile has maximum coverage as per the Standard. Contact CTA™ if you are unsure of the requirements. Large format tiles may require “back-buttering” to ensure full adhesive contact with the back of the tile.
- All adhesive residues must be removed from the face of tiles, joints and fittings before the adhesive sets

OPEN TIME

20 minutes at 23°C and 60% relative humidity

SHELF LIFE

12 months with lid on. Do not allow to skin over during use. Remove skinned material should the product have been over exposed to the air.

CURING

Tiles can be grouted after overnight cure. This is dependent on the density of the background and tiles and the ambient temperature and humidity.

GROUTING

Tiles should be grouted using the appropriate POLYBLEND™ premium grout. Select colour and range to suit joint width and preferred finish.

Use matching POLYBLEND™ S1 Silicones for all movement joints – including where tiles abut door frames, sills, or interruptions to the plane.

Fill with POLYBLEND™ S1 Silicone to match.

COVERAGE

Notched Trowel Size	Coverage (Approx) Per 12.5kg Pail
6mm	13m ²
10mm	8m ²

STORING

When **MCB™ Beaumont Tiles Wallite** is stored in its original unopened package in a dry area at a temperature of 23°C and a relative humidity of 60%, it should be usable for approximately 12 months.

HANDLING

CTA™ and Beaumont Tiles support best practice in material handling: Gloves, mask and protective clothing should be worn. If the product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the fumes by wearing a 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 clean water. For further information refer to product MATERIAL SAFETY DATA SHEET.

LIMITATIONS

- Not suitable for floor tiling.
- Not suitable for exposed external walls.
- Not suitable for thick bed applications use UniLite
- May only be used onto substrates of (walls and joinery only)particleboard, plywood, medium density fibreboard, solid timber, laminate with the use of CTA™ Eco Systems Prep n Prime.
- Treat sheet joints with a reinforced membrane and bondbreaker system, consult CTA™.
- Is not suitable for use with moisture sensitive tiles or stone.
- Must not be used directly over solvent based 100% polyurethane waterproofing membranes.
- Can only be used over high quality water based waterproofing membranes that have been certified by CTA™. Contact CTA™ for advice if further information is required.

LIMITATIONS CONT.

- Use porous tiles with membranes to ensure complete cure.
- Should only be used when tiling in temperatures between 5°C and 38°C. Consider artificial heating requirements before during and after tiling in adverse conditions.
- * Adhesive drying time will be adversely affected in low temperatures, and with dense products or substrates. Full cure will not be achieved with large format non-absorbent tiles to membranes or non-absorbent surfaces.
- Contact CTA™ for advice if further information is required

WARRANTY

Construction Technologies Australia Pty Ltd (CTA™) warrants this product for a period of fifteen (15) years from the date of sale. Visit www.ctaust.com.au to view the full terms and conditions of this warranty.

CONTACT

For Technical enquiries contact CTA™ on 1300 656 202 or your local State office of CTA™ or representative. Refer to www.ctaust.com.au