

## WALL CLADDING INSTALLATION GUIDE

We recommend the use of our range of BAL fixing products for the installation of your beautiful CTD wall cladding products. Our cladding ranges are designed to be installed with a maximum 1mm joint, so no need for any tile grout in the joints.



### EXTERNAL VERTICAL WALL TILING (below 3 metre height)

#### Wall preparation to receive tiling

- Before tiling, all backgrounds must be suitably stable and any movement joints brought through to the tiling surface. All surfaces must be clean, firm and free of dust, dirt, oil, grease, paint, gypsum plaster and other barriers to adhesion (the use of suitable mechanical preparation equipment may be required). Make sure the surface has had adequate drying time as detailed in the relevant part of BS 5385, i.e. in-situ concrete walls, brickwork and block work should be allowed to shrink for at least 6 weeks.
- When rendering to concrete substrates, the aggregate surface should be exposed as advised in BS 5385.
- All the following recommendations should be applied at temperatures above 5°C.
- Once the concrete/brickwork/blockwork wall is fully prepared, mix and apply **BAL Quickset Render Preparation Render for Walls**.
- When the BAL Quickset Render is suitably dry and hardened, apply tiles using **BAL Rapid-Flex One Flexible Cementitious Wall and Floor Tile Adhesive with FST**. Rapid-Flex One is a rapid-setting, highly polymer-modified, water/frost-resistant cementitious tile adhesive for walls and floors and is suitable for fixing ceramics, porcelain and vitrified tiles, mosaics, most natural stones, terrazzo, brick slips in exterior environments. Please ensure a solid bed fixing is achieved.
- Depending on the final tile choice/size and tiling heights to the background, this recommendation is subject to change.



## **Movement joints**

### **Disposition and forming**

When detailing the disposition of movement joints, the designer should consider the following locations in relation to their effect on the setting out of the tiling:

- over existing and/or structural movement joints
- where tiling abuts other materials
- junctions between different background materials, where tiling is continuous across them
- storey heights horizontally and approximately 3m to 4.5m apart vertically; ideally, they should be located over movement joints in the structural background and at structural material changes; for example, horizontal joint at top and bottom of floor slab, vertical joint at internal corners and at junctions with columns
- external building corners, vertically between 0.25m and 1m from the corner and symmetrically wherever possible
- at internal corners

Please note that all products referred to above should be mixed and applied strictly in accordance with the current technical literature, which is available upon request or from the manufacturer's website.

## **GENERAL INFORMATION**

### **Dimensions**

All dimensions are nominal and subject to industry standard tolerances.

### **Batching and colour variation**

All packs/pallets are identified with a batch reference. You should take care that all your project requirements are ordered together to ensure you receive packs all from the same batch and, therefore, with the same shade reference. However, even when installing from multiple packs of the same batch reference, we still recommend mixing the packs as you install.

Keep note of your shade and batch references. If you ever wish to extend your area in the future, we may be able to help you find as good a match as possible.

Please note, our ranges are reproductions of natural materials so are designed to have some variation in colouring and/or pattern and/or texture from tile-to-tile.

The images in our marketing literature and sources are for guidance purposes only and are merely indicative of finished shadings and variations.

### **Legal notice**

The information in this Document or on CTD's website is for guidance purposes only and intended to assist you in your purchase and use of the product. CTD will accept no responsibility or liability for reliance on the information provided in this guidance. CTD's sole liability in respect of any products shall be as outlined in the terms and conditions of purchase or in any express guarantee relating to the product purchased. Whilst we work closely with our partners, any arrangement you make or advice you take from them will be subject to your contract with them and CTD has no liability in respect of any act or omission of any third party. Every effort has been taken to ensure that the information contained in the guidance is accurate. All the above generic advice is for guidance purposes only, and only with domestic projects in mind. If in doubt, ask a local expert. Local building and environmental regulations should be always adhered to. The responsibility for designing and specifying an appropriate construction lies solely with the user.