

# Strip, Parallel, V-Parallel, Uniform Cladding Installation Guide



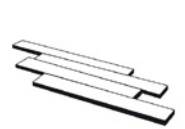
STRIP CLADDING  
(48 x 300mm)



PARALLEL CLADDING  
(165 x 290 mm)



V-PARALLEL CLADDING  
(163 x 580mm)



UNIFORM CLADDING  
(120 x 390mm)

## Inspection:

All tiles must be examined and approved prior to installation. Use of product implies acceptance.

## Substrate:

The substrate must comply with drying times, as recommended in BS 8204-1: 2003 + Amendment 1: 2009. The tiles with adhesive weigh approximately 33-44kg p/m<sup>2</sup>.

**Tiling Standards:** As per BS 5385 Part 1: 2018

**Wall installation, INTERNAL below 3m:** *General* - Gypsum fibre board, tile backing boards, block and/or brick walls may be suitable if their published weight ratings comply. *General with recommendations* - 20mm Wedi Tile-backer board as accredited under BBA certificate 00/3675. For shower enclosures refer to Wedi installation guides as accredited under BBA Certificate 00/3675. See [www.wedi.co.uk](http://www.wedi.co.uk) or for technical advice call 0161 864 2336.

**Wall installation, INTERNAL above 3m:** 12 Wedi approved PW60 washers and Wedi approved fasteners p/m<sup>2</sup> in accordance with their specifications. *Note: 12 fixings p/m<sup>2</sup> is a Wedi specification especially for Island Stone products therefore this number of fixings supersedes Wedi's generic general instructions.* Where Wedi sheets join/butt these are to be taped with Wedi tape. *Consultation with Island Stone's technical department to determine methodology and for fit for purpose status. Approval is subject to sighting of drawings. Engineering may be required.* See [www.wedi.co.uk](http://www.wedi.co.uk) or for technical advice call 0161 864 2336.

**Wall installation, EXTERNAL below 3m or first floor height):** Suitable backing structures such as block work or external rated tile backing boards with the appropriate weight rating for the chosen tile. Ensure sufficient fixings for anticipated weights are in accordance with the respective manufacturers guidance.

**Wall installation, EXTERNAL above 3m:** Back structure specification can be obtained specific to your project from Knauf (aqua-panel). See [www.knauf.co.uk](http://www.knauf.co.uk) or 0800 030 4135. *Consultation with Island Stone's technical department to determine methodology and fit for purpose status. Approval is subject to sighting of drawings. Engineering may be required.*

## Fixing - wall only:

**Adhesive:** ARDEX recommend ARDEX MICROTEC X77 (flexible floor and wall adhesive in white or grey - choose to compliment stone colour), suitable for indoor-outdoor and swimming pool applications. ARDEX MICROTEC X77 S is recommended if a rapid set adhesive is required. It should be noted that when fixing tiles to walls, guidance is give in BS 5385 Part 1: 2018 regarding the maximum weight of the tile that can be fixed on various backgrounds. For ARDEX technical advice call 0144 071 4939.

The tile must be back-buttered with 100% coverage, the substrate also requires 100% notched trowel coverage in straight lines (not arc's). When placing the tile onto the substrate tilt towards you slightly in such a way as to allow air to escape through the adhesive notches before firming positioning the tile. This or other methodologies is to ensure there are no voids behind the tile.

**Grout (Strip Cladding only for wet areas such as shower enclosures) :** ARDEX-FLEX FL rated for 3 - 15mm wide joints. Available in over 30 colours. [www.ardex.co.uk/wp-content/uploads/2018/03/Grout-Silicone-Colour-Guide-2018-FPS-Web-2.pdf](http://www.ardex.co.uk/wp-content/uploads/2018/03/Grout-Silicone-Colour-Guide-2018-FPS-Web-2.pdf).

## Movement:

As every installation/building is unique, installers need to be familiar with the latest movement building standards and factor these into their installation where applicable. Advice is given in the relevant part of BS 5385 Part 1: 2018

## Installation (horizontal or vertical):

**Installation (Internal):** Normally butt joined (no grout). A typical installation: lay the entire bottom row then when laying the next row off-set the apex of the tile 33% or 50% from the row beneath (brick bond effect). Care should be taken to ensure that the horizontal lines stay straight and do not wave. A datum / laser line must be established every 200-300mm high to ensure a quality finish. Tiles below the datum line may need fractional/minor adjustment to be evenly spaced up to the datum line.

**Installation (External):** Where the tile is installed without grout a small perimeter void around the tile assists with movement as highlighted in BS 5385 Part 1: 2018

**Corner Treatment:** Normally an aluminium L plate can is used, the L plate over hangs one wall by approx 13-14mm the tiles are laid into the L plate whereas the tiles on the other wall are fitted up to the back of the L plate.

## Sealers:

It is recommended that the tiles are sealed with your choice of natural stone sealers. For example Lithofin MN Stain-Stop seals and keeps the stone relatively unchanged in appearance. MN Stain-Stop PLUS (the PLUS aspect is an added colour enhancer) intensifies the colour of the stone.

It is advised to test your choice of sealer first in an area to ensure the chosen sealer is providing the desired finish. For your local stockist and further technical advice on Lithofin products call 01962 732 126 or visit [www.lithofin.com](http://www.lithofin.com)

## Cleaning:

It is recommendation that PH neutral cleaners are used. Be wary of acid based cleaners they will break down the sealer over time. PH Neutral cleaners available from Lithofin are Easy-Care (for general purpose maintenance) or Lithofin Wexa for a commercial clean, this probably is only needed on floors periodically or walls at floor level where enthusiastic mopping may have tarnished the visual appearance of the bottom layer of wall tiles. Shower enclosures and floor installations will require routine cleaning with the above PH neutral products, definitely no bleach products permitted.

## Disclaimer

The guidelines provided by Island Stone are limited to the tile itself. Island Stone is not an authoritative source on other manufacturer technical specifications. The information provided above has been gathered in consultation with Ardex, Wedi systems and Lithofin and issued in good faith. Specific Information with regards to fixing, adhesives, build standards or methods, substrate loadings, tolerances and engineering issues for individual projects are outside our scope of expertise. Contractors need to ensure by their own independent enquiries that all aspects of installation abide by the latest building standards/interpretations and comply with the all other suppliers recommendations.



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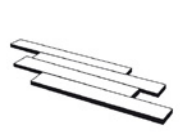
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