Flat Pebble
Installation Guide

FLAT PEBBLE
(300 x 300mm)

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.

Tiling Standards: As per BS 5385 Part 1: 2018

Wall installation, INTERNAL below 3m: The substrate must comply with drying times, as recommended in BS 5385 Part 1: 2018. The tiles with adhesive and grout weigh approximately 30kg p/m2. *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. See www.wedi.co.uk or for technical advice call 0161 864 2336.

Wall installation, INTERNAL above 3m: The tiles with adhesive and grout weigh approximately 30kg p/m2. *General with Recommendations:* 12 Wedi approved PW60 washers and Wedi approved fasteners p/m2 in accordance with their specifications. *Note: 12 fixings p/m2 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 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 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 - Floor/Wall:
ARDEX-FLEX FL rated for 3 – 15mm wide joins. Available in over 30 colours. See 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:
Ensure that each tile butts firmly against the neighbouring tile(s) making sure that as many pebbles as possible are touching the neighbouring tile. Ensure the adhesive protrudes the mesh to make contact with each pebble. Lay only 1m2 at a time. Grout and then sponge off, use a complimentary non-contrasting grout colour with the pebble colour. For example white grout with black pebbles is NOT recommended, whereas shades of grey to black grout would be more suitable.

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

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.

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French Tan
FP1.PF