

# Paragon Hex Installation Guide



PARAGON HEX  
(250 X 250mm)

## Inspection:

All tiles must be examined and approved prior to installation. Claims including shade or texture variation will not be considered after installation. Use of product implies acceptance.

## Substrate:

The substrate must comply with drying times, as recommended in the latest version of BS 8204-1. The tiles with adhesive weigh approximately 41kg p/m<sup>2</sup>.

**Tiling Standards:** As per BS 5385-1.

**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. 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.

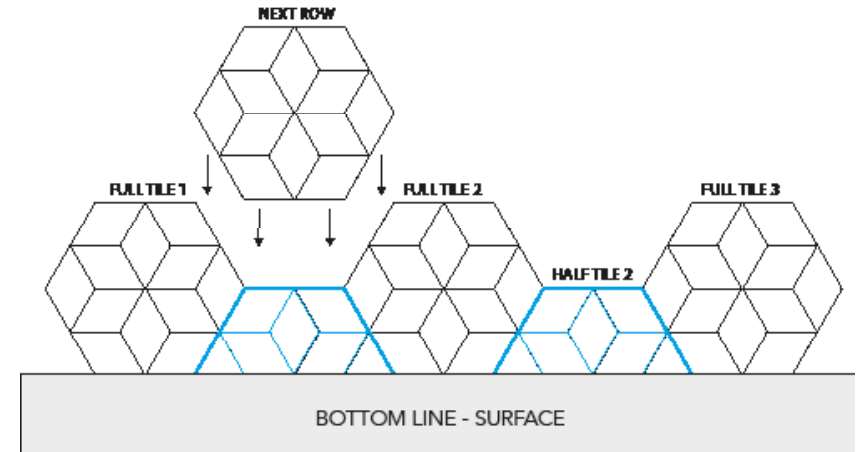
## Fixing - wall only:

**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 given in BS 5385-1 regarding the maximum weight of the tile that can be fixed on various backgrounds. For ARDEX technical advice call 0144 071 4939.

A 6mm notched trowel is recommended for floor and wall applications.

## 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 5385-1.



## Installation:

A typical installation of Paragon Hexagon employs the following method; The first row of tiling needs to be laid full tile then half tile. Full tiles are then laid once the entire bottom row has been established. See above image.

Care should be taken to ensure that the horizontal lines stay straight and do not wave. A datum / laser line must be established every two or three rows to ensure a quality finish. Tiles below the datum line may need fractional/minor adjustment to be evenly spaced up to the datum line.

**External Corners:** Normally an aluminium or S/S box section can be used.

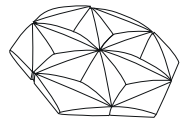
**Grout Spacing:** Not required, tiles are to be installed butt joining method.

## 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. Alternatively MN Stain-Stop PLUS (the PLUS refers to an added colour enhancer) which intensifies the colour of the stone. However there is a school of thought that walls (not subject to high public traffic/exposure) may avoid the sealing process, this is a personal choice.

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)

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### Cleaning:

It is recommended 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.

### 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 enquires that all aspects of installation abide by the latest building standards/interpretations and comply with the all other suppliers recommendations.

