



## Guide to Laying “Castile” Promenade Tiles

### Preparation

Ensure surface to be covered is free from dust grease and all loose materials

Where appropriate ensure efficient drainage to area – recommended minimum 1:80 maximum 1:40.

Inspect existing surface or roof covering and ensure that all necessary remedial works are carried out prior to work commencing.

Mark out area to be tiled allowing 2mm nominal joints between tiles to accommodate manufacture and laying tolerances.

### Laying Tiles

Areas of 9m<sup>2</sup> and over should be constructed with a movement joint. This can be formed by leaving 15mm gap at 3m intervals to be subsequently filled with a suitable bitumen material. This type of joint should also be formed at perimeters and other bay edges.

Always work away from tiled areas to avoid trafficking areas which are not fully adhered. Do not stand on recently laid tiles.

Avoid point support of tiles at all times. Ensure that the tile is supported over complete underside.

When cutting tiles ensure that dust created is not allowed to build up on completed areas as staining may occur.

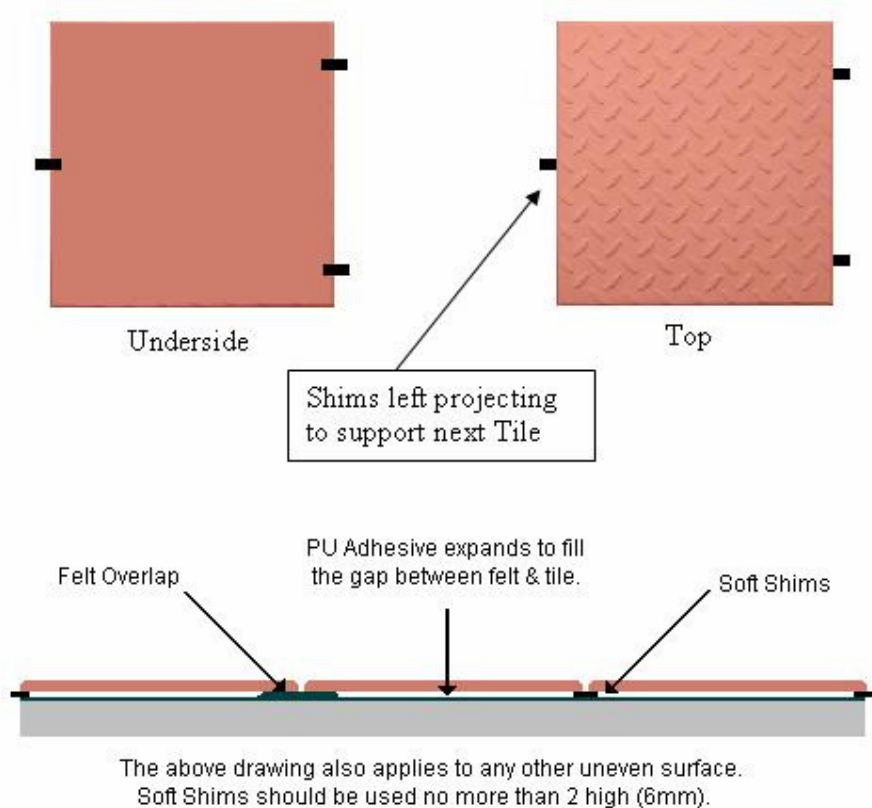
Castile PU Adhesive has been specially formulated to adhere Castile Promenade Tiles to bituminous felt, sanded asphalt, concrete and all most all other roof surfaces. We strongly recommend its use. It is necessary to remove any release coatings that may have been previously applied to felt.



When applying PU Adhesive to the back of the tiles it is vital that it is done as per the instructions. The zigzag lines ensure that the tile is evenly supported and that small drainage channels are created. The zigzags of the adhesive should point towards the fall of the roof to maximise drainage. Full instructions for use of PU Adhesive can be found on packaging and online.



When laying tiles on overlapping felt applications, variations in level can be overcome by using our soft shims. Similarly soft shims can be used to overcome small undulations when laying on any surface. Full instructions for using soft packers can be found online.



## Precautions

Hot bitumen must not be used as the fixing medium on asphalt substrates. It can be used on felt roofs but care must be taken with weather conditions and the application of bitumen to ensure that the whole of the tile surface is fully bonded.

Cold bitumen should only be used to adhere tiles with the express approval of the manufacturer. Solvents contained in some cold bitumen adhesives can damage felt & asphalt.

Due to the high cement content of Castile Promenade Tiles there is the possibility that efflorescence or staining may appear on tiles if water has been allowed into the stack but evaporation has been restricted. The strength and other properties of the tile will not be affected.

Promenade Tiles are manufactured from naturally occurring materials and are therefore liable to colour differences caused through variation in the raw materials and differential drying conditions. These variations are beyond the control of the manufacturer. Promenade Tiles displaying unacceptable degree of variation should not be laid and the advice of the manufacturer should be sought. No responsibility will be accepted for the consequences of variation in tile colour.

Care should be taken to allow for any variations in shade and for manufacturing tolerances in size and thickness when laying tiles.

Promenade Tiles are stacked on pallets and shrink wrapped soon after manufacture to provide optimum curing conditions. As a result they may not display their true colour until they have been exposed to weathering and sunlight.

Promenade Tiles are supplied from our works on wooden pallets and are covered with plastic shrink-wrap bags. Pallets must not be stored more than two high and point loading must be avoided or damage to tiles will occur. Pallets of Tiles must be protected and stored in dry conditions or efflorescence, discolouration and staining may result.

Do not allow dirt and other contaminants to build up in the gaps between tiles as this can cause staining. If contamination of tiles is likely to occur it may be advisable to seal with Promseal when laid. Acid based cleaners must not be used on tiles.

This information and any recommendations or suggestions contained herein are given in good faith without warranty or guarantee as conditions of use are out with our control. Product development is continuous and tiles are subject to change without notice. Please ensure that our products will be suitable for use by requesting samples for your evaluation relating to colour and working conditions.

All tiles are sold in accordance with our terms and conditions of sale which are available on request.

