

Guide to Laying Castle Promenade Slabs with Sikaflex on Aslon Paving Support Pads. This method will ensure that slabs are held in position when no edge restraint is available from upstands, walls, balustrades or the like.

With this method you can only lay Promenade Slabs following the profile of the roof. To adjust for drainage falls or irregularities in the substrate see other methods.

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.

Marking Out

Marking out of the area is very important to ensure that any cut slabs at edges etc are maintained at their maximum size. Where possible slabs should not be installed under $\frac{1}{2}$ size. Establish and mark the centre line in both directions for the area to be covered and measure from this line to the edge.

Deduct the number of full slabs from this dimension to calculate the size of the edge slab. If the result is **more** than $\frac{1}{2}$ slab width then the centre line should be used as the joint of the **two centre rows** of slabs as shown in **Pic 1** below. If the result is **less** than $\frac{1}{2}$ slab width then the centre line should be used as the centre line for the **centre row of slabs** as shown in **Pic 2** below.

This later operation will increase the edge slab size by $\frac{1}{2}$ slab, and will give the best layout in this condition. Repeat this move in the other direction.



PLEASE NOTE:- If you have any concerns regarding your layout then we will be happy to provide a layout design service to show where the slabs will be best positioned and to calculate the approximate number of Aslon Paving Support Pads you will need. All you need to do is to send us your layout dimensions and we will do the rest.

Laying Promenade Slabs Following the Profile of the Roof

We now have a starting point in both directions. With this method it is only possible to lay slabs following the existing profile of the roof.

Start laying slabs from the centre line established. Lay out some Aslon Paving Support Pads (APSP) and spacers along the line and along the next line one slab width away. Apply a bead of Sikaflex approximately 10mm diameter to the corners where the slab will come into contact with the pad and lay slab on top. Continue this method working in both directions but ensuring that straight lines are maintained.

When all of the full slabs have been laid the edge slabs need to be cut to size and fitted.



Cutting is easily achieved using a diamond blade on a cutter/grinder. When cutting tiles ensure that dust created is not allowed to build up on completed areas as staining may occur.

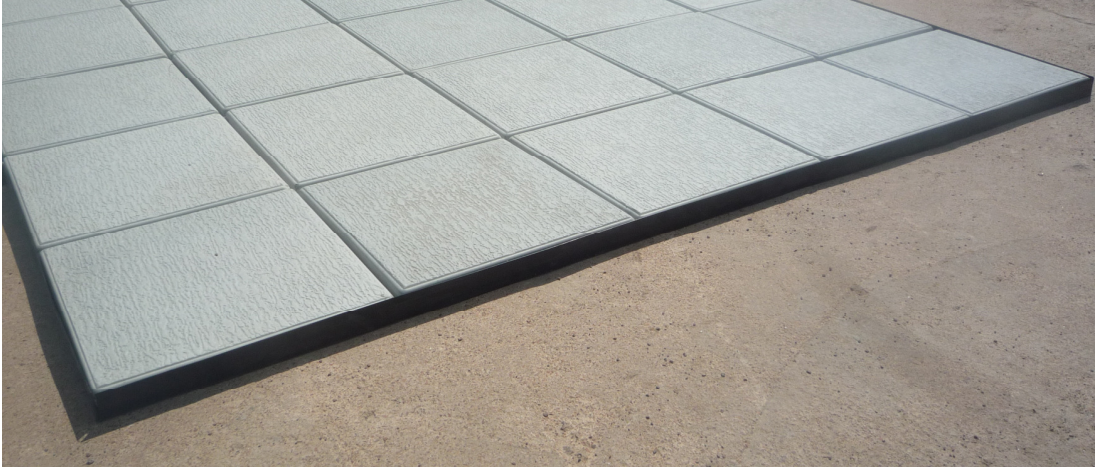
The support pads should be fitted to line up with the sides of the slab at edges and corners and a larger area of adhesive should also be used.

Always place an additional APSP with 10mm adhesive bead under the centre of any cut slab to reinforce the cut slab. If the edge joint is unsightly due to variation in the wall line we have expanding foam tape available which will close the gap and improve the appearance.

Fitting dressing angle at outer edges.

If the outer edges are visible it may be desirable to improve the appearance of the edge and this can be done by fitting an edge dressing angle. We have plastic angles available in black and white at 34mm high which fits well to the installed height of the slab on Aslon pads. The angles come in 900mm lengths to allow drainage slots between each angle and are adhered by Sikaflex to the exposed edge of the Aslon pad. The lower leg of the angle is fitted under the pad for extra security and gives an excellent finish to the edge.





All slabs and accessories are sold in accordance with our terms and conditions of sale