

### **1. GENERAL**

**Note:** This document provides additional guidance for the Installation of Surestep Laguna and Safestep Aqua in wet rooms and in conjunction with Forbo Onyx + wall coverings.

**The guidance contained in this document should be read in conjunction with the general installation guidance provided for Forbo all Surestep and Safestep ranges.**

#### **1.1 Subfloors**

Subfloors should be clean, sound, smooth, and permanently dry in accordance with BS8203.

#### **1.2 Storage and acclimatisation**

Rolls should be stored vertically at a temperature of at least 15°C.

Floor coverings should be correctly acclimatised prior to installation and installed in temperatures between 18 and 27°C.

It is recommended to cut the sheet lengths the day before and to unroll them on the floor overnight.

#### **1.3 Position of floor drains**

Where floor drains exist the edges of the drain should be no closer than 30cm to the wall and 1m to the door. A minimum fall of 1% to the drain is required

#### **1.4 Recommended adhesives**

Forbo Eurocol 540 Eurosafe Special or 640 Eurostar Special.

If alternative adhesives are to be used check with the adhesive manufacturer to confirm suitability.

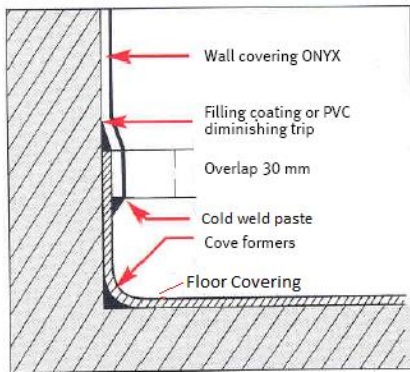
### **2.0 INSTALLATION - general**

2.1 Installation must be carried out in accordance with BS 8203:2017 and Forbo Installation Guidance for Surestep and Safestep products.

2.2 Install / fix cove former to the perimeter of the room using a contact adhesive.

Where Onyx + vinyl wall covering is to be used, the finished coved skirting detail should be approximately 13cm high (to allow a 3cm wall covering overlap).

See detail below and the Forbo Onyx+ installation guidance note:



If the wall finish is ceramic tiling, use Quantum QCT1 capping strip from Quantum Profiles Systems in accordance with the manufacturer's instructions.

2.3 Careful consideration should be taken prior to cutting the sheet material. Seams should be planned so that they do not fall within a 50cm radius of the floor drainage.

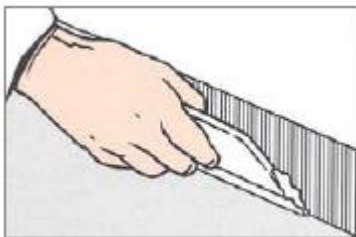
2.4 Alternate sheets of the floor covering should be reverse laid.

2.5 All seams and mitred corners must always be hot welded to provide a watertight finish.

### 3.0 COVED SKIRTING

3.1 Forbo Step can be site form coved in the normal manner over a 20mm or 35mm cove former. Forbo recommend Quantum Profile Systems QCF35 cove former and CCFM1 and CCFM2 internal and external mitres. Where the flooring is being installed in conjunction with Forbo Onyx FR CCTM1 is recommend for internal corners.

3.2 Prior to fixing the flooring material, mark a line on wall at the height of the skirting around the perimeter of the room. Spread the acrylic adhesive over the cove former and up to reference mark



#### 3.1 INTERNAL CORNERS (alternative)

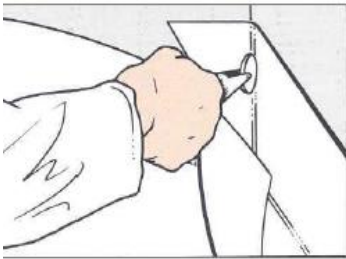
The following skirting techniques, sometimes referred to as butterfly corners, can be used as an alternative to having vertical welded seams at internal and external corners.

This coving method can be installed with or without a cove former. To protect the flooring at the junction of the floor and wall, and for ease of cleaning, we would recommend that a cove former is used.

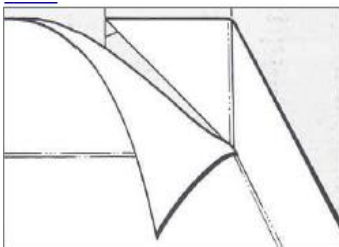
3.1.1 Cut the floor covering at a 45-degree angle approximately 5mm off the floor to make future welding easier.



3.1.2 Press the floor covering into the corner with a roller.

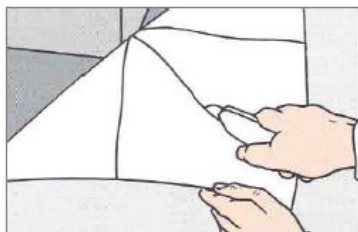


3.1.3 Cut the excess material to the 45-degree angle.



## 3.2 EXTERNAL CORNERS

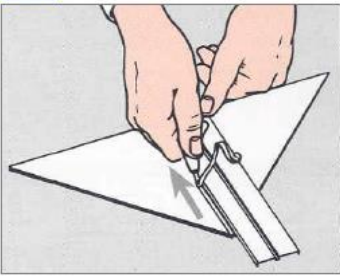
3.2.1 Fold the floor covering up to get 2 equal parts from each side of the wall. Cut in a line approximately 5mm off the floor, perpendicular to the fold.



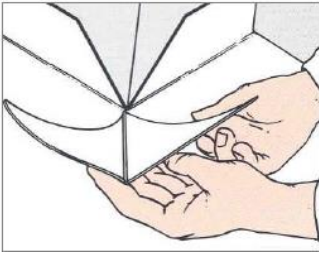
Fold up the floor covering against the wall. The gap must be filled in with an insert.

### 3.2.2

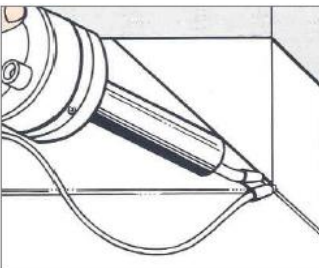
To enable the material to bend more easily, the reverse side of the insert should be grooved to approximately half thickness of the material using a 'P' type grooving tool.



3.2.3 The filler piece is cut to the required height of the skirting.



3.3 Groove and weld the seams.



#### 4.0 INSTALLTION AROUND THE FLOOR DRAIN

Cut a circle in the floor covering of sufficient diameter to allow it to be clamped by the ring of the floor drain.

Paste the perimeter of the drain and corresponding are of the floor covering with contact adhesive.

Heat the floor covering gently and fit it into the floor drain. Fit the clamping ring and double check the adhesion for water tightness. The edge of the installed floor covering should then be sealed.



**Note:** It is recommended that the main body of the flooring is laid and left overnight before final adhering the sheet to the drain.

### **5.0 FINISHING**

All exposed edges must be sealed with a sanitary sealant that is resistant to fungus and mould.

If in any doubt contact us:

**Forbo Flooring UK Ltd**

**Tel: 0800 0935 846**

**Fax: 01592 643999**

**Samples: 0800 731 2369**

[Info.flooring.uk@forbo.com](mailto:Info.flooring.uk@forbo.com)

[www.forbo-flooring.co.uk](http://www.forbo-flooring.co.uk)

**Quantum Profile Systems Ltd**

**Tel : 0161 627 4222**

**Fax : 0161 627 4333**

[info@quantumflooring.co.uk](mailto:info@quantumflooring.co.uk)

[www.quantumflooring.co.uk](http://www.quantumflooring.co.uk)