

## Building Envelope

Prior to Gyvlon being applied the building should be as weather tight as possible, with at least the roof in place and any missing glazing or door openings should be temporarily sealed using polythene, insulation or ply.

## General Preparation

Where Gyvlon is to be applied floating over insulation the boards should be installed flat to substrate and be free from excessive movement/rocking. The perimeter strip should be installed to all walls and abutments within the screed. The strip should be installed without over stretching and should be pushed fully into all corners.

The insulation should then be overlaid using minimum 500 gauge polythene overlapped by 100mm and taped, cut flush to the perimeter strip. The polythene should be laid flat with minimal ridges (Gyvlon recommend single wound roll).

**Note:** 1200 Gauge or DPM Grade polythene will be required on substrata where the base moisture is likely to be > 75% RH.

The perimeter strip's skirt can then be sealed to polythene using tape\*.

Underfloor heating pipes should be installed to manufacturer's spacing's and guidelines, as a minimum the pipe should be secured using either a clip rail or staple every 400mm. The pipe should be well secured to prevent floating during the application of Gyvlon.

It is essential that the pipe work be pressure tested (preferably with water) prior to installation of screed, this is to ensure there are no leaks.

**Note:** When using UF it is advisable to lay a DPM grade Polythene below the insulation, and a 500 gauge slip membrane above the insulation also.

Finished preparation should be completely water tight to prevent leaking, polythene and other materials should be grease free and sitting flat to the insulation boards and all pipes and conduits running in the screed must be fully secured.

## After Screeding

The building/area should be left as sealed as possible to prevent through draft or rain entering the building. Once the screed is 48-72 hours old the building should be opened to allow air movement and encourage the drying of the screed.

In the interest of optimum drying performance efforts should be made to prevent moisture ingress to the screed whilst maintain good ventilation.

Please consult the 'Floor Covering' Datasheet ahead of placing and final floor finish

- Please note foil back tape supplied with insulation boards should never be used with Gyvlon screeds.