

Generally

The building should be weather tight prior to commencement. The roof should be covered and all external doors and windows in place. Alternatively all openings are to be made weather proof with clear polythene.

Remove all dust and debris from the floor surface and leave free from contamination.

Insulation

Ensure that all high/low points are removed from the sub-base and that insulation boards are laid flat.

Insulation boards should be tightly butt jointed with staggered joints.

Perimeter isolation upstands should be provided to **all** abutments. We recommend the use of rigid board insulation for cold bridging or 5/10mm polyethylene foam expansion strip to the full depth of the screed. This detail must include for all SVPs, penetrations etc.

Separating Membrane

A polythene separating membrane is usually required with all liquid screeds.

Ensure that perimeter isolation details are installed as above. We recommend the use of single wound polythene (to avoid creases) and 50mm packing tape. Ensure that all air pockets and voids are removed.

Lay polythene membrane ensuring that it is free from punctures and creases. Lap joints a minimum of 100mm and where necessary continue the polythene up the face of all abutments to the full depth of the screed.

In order to avoid leakages thoroughly tape all joints and abutments to ensure that the area is 100% watertight. Take care to remove air pockets and voids beneath the separating membrane particularly at abutments and corner details.

Exposed edges such as door openings or level changes should be provided with temporary formwork.

Please note that when installing Screedflo liquid screed, it is imperative that the preparation is carried out to the highest standard.

Underfloor Heating

When installing underfloor heating we recommend the use of a polythene separating membrane prior to installation.

All heating pipes and cables are to be securely fixed down using proprietary fixings.

Warm water systems should be filled prior to the application of Screedflo to reduce the risk of pipes floating when the screed is poured.

Setting Levels

When setting out the floor areas consideration must be given to the minimum recommended thicknesses for Screedflo as listed below.

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| • Unbonded on slip-sheet/polythene laid direct to substrate | 30mm |
| • Floating on insulation (Domestic) | 35mm |
| • Floating on insulation (Commercial) | 40mm |
| • Cover over top of conduits/underfloor heating pipes | 30mm |

Please make an allowance for tolerances and any isolated high spots in the substrate. These will dictate the minimum thickness of the screed and therefore impact upon the overall depth and material usage.

Technical Support

Please telephone **0870 850 8900** if you have any questions or require any further advice.

