

## LBS Fitting Instructions for fitting Z Stone onto an Insulated Concrete Formwork (ICF Structure)

When fitting Z Stone onto an Insulated Concrete Formwork (ICF) structure please ensure that all precautions are taken to ensure that the structure can support the weight of the Z Stone system, weighing in excess of 85kg per m<sup>2</sup>.

It is recommended that two coats of an approved ICF basecoat render, with an approved alkali resistant reinforcing mesh embedded with PVC mushroom fixings at 600mm centres, be used as a base coat (fixed a minimum of 50mm deep into the core concrete and fitted in accordance with manufacturers recommendations).

NOTE - This render will be used in addition to the LBS adhesive.

Once the installer is certain that the structure is ready for the Z Stone to be fitted, please follow the normal fitting instructions outlined above, but paying close attention to the additional points below:

- It is recommended as best practice, even when fitting below 3m height, to use SKY Panel (mechanically fixed minimum of 30mm into the base concrete structure using fixings supplied by LBS) on the first and every third consecutive row. As per normal fitting instructions, all panel being fitted above 3m must be SKY Panel (mechanically fixed to the structure using fixings supplied by LBS).
- Non rustable concrete screws are recommended.
- The concrete screw must be fixed at least 30mm deep into the concrete.
- If the wall needs to be completely waterproofed, it is recommended that Hydro Ban waterproofing (or equally approved), is applied depending on the project type - please consult the LBS Technical Team.

Please note that LBS recommend you consult your ICF engineer to check that the design and fixings are appropriate for support.