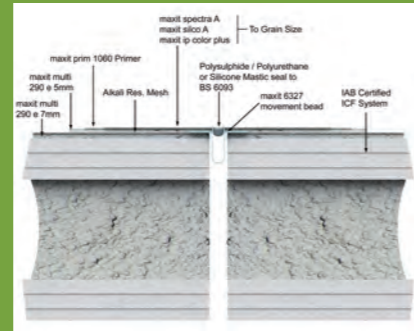
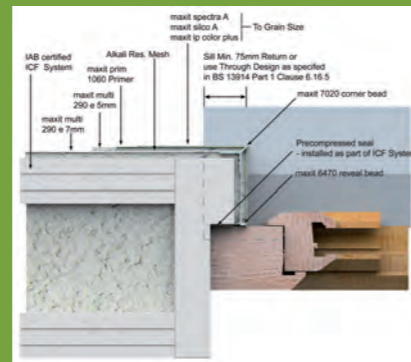


Window Head/Drip Detail



Expansion Joint



Window Jamb

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The maxit ICF render & plaster system is specially designed to provide you with a fast-track, through coloured, weather-resistant and durable solution for external rendering as well as internal plastering. In addition to a broad range of standard colours and finishes, a colour matching service is available, allowing you to produce beautiful new buildings in a range of finishes.

Maxit Multi 290 E + Fibre Glass Mesh

Maxit multi 290 E is a highly polymer modified light weight adhesive/basecoat which is applied directly onto the ICF substrate. After application of the basecoat an alkali resistant fibre glass mesh is applied, followed by a further levelling coat of multi 290 E.

Maxit Prim 1060

Maxit Prim 1060 is a top coat primer applied onto the hardened basecoat. The primer prevents rapid absorption of water of the top coat.

Maxit Spectra A

Maxit Spectra A is a high quality, solvent-free, flexible final coat with a acrylic resin base, applied onto the primed basecoat. The product is vapour-permeable and water repellent available in pebbledash finish -K or grooved render finish -R maxit Spectra A is available in white or as shown on colour charts.

Maxit Silco A

Maxit Silco A is a high quality, solvent-free final, flexible coat with a silicone resin base, applied onto the primed basecoat. The product is vapour-permeable and water repellent available in pebbledash finish -K or grooved render finish -R maxit Silco A is available in white or as shown on colour charts.

Maxit Spectra and Silco top coats are designed to offer a high level of protection against the occurrence of algae or mould.

Maxit IP 22 E

Maxit IP 22 E is a light weight single coat gypsum plaster which is directly applied onto the internal ICF substrate. After application of the base coat an alkali resistant fibre glass mesh is applied, followed by a further levelling coat of IP 22 E. The product is classified as A1 non-combustible and therefore suitable for fire protection. As the product is spray applied, it can be formed in any shape onto reveals and curved walls. The application is monolith, filling all voids and tracks created for electrics and plumbing works. This improves acoustic, fire protection and impact resistance performance.



ICF, a Modern Method of Construction, is an insulated in-situ concrete system of building that is quick to construct and offers levels of performance significantly better than that available from slower, more traditional approaches to building.

ICF is based on large, hollow Moulded Expanded Polystyrene lightweight block or panel components that lock together without intermediate bedding materials, such as mortar, to provide a formwork system into which concrete is poured.

Once set, the concrete becomes a high strength structure and the formwork remains in place as thermal insulation, providing u-values ranging from 0.30 down to 0.11 watts per metre squared kelvin – ideal for zero energy buildings.

The building process is quick, tidy and precise, with lower labour and equipment requirements than alternative methods.

ICF RENDER & PLASTER SYSTEM – Technical Specification

	Multi 290 E	Spectra A	Silco A	IP 22 E
Material consumption (Kg/mm/m2)	1	3.13	3.13	1.2
Minimal final thickness (mm)	6	grain size	grain size	12
Maximum single application (mm)	12	grain size	grain size	20
Final density of hardened product (Kg/m3)	1000	n.a.	n.a.	1200
Water addition (%)	28	max. 1	max. 1	56
(litres per bag)	7 max.	0.25 max.	0.25	17
Resistance to compression N/mm2 (28 days)	>2.5	n.a.	n.a.	>2
Working time (minutes)	30-40	30-40	30-40	45
Packaging (kg) Tubs/Bags	25	25	25	30
Pallets	42	24	24	35
Storage (months under dry conditions)	12	12	12	4