

Specification of Beccrete with MAXRaft Foundation System

1. General

Beccrete on Maxraft is a waterproof plaster system reinforced with alkali resistant fibreglass mesh.

While being waterproof it still maintains high vapour permeability.

The colour is natural grey – painting is optional.

It is installed by approved applicators in 3 coats at a minimum thickness of 4.5mm

2. Preparation

Ensure the Maxraft slab is installed correctly.

Any holes or gaps foam up with a PU foam, when cured sand back.

De-nib/grind off any concrete residue.

Straighten up concrete nib-poly junctions as required.

If the polystyrene is aged, sand/rasp of oxidised layer then dust off.

On XPS sand entire foundation with rasp or coarse sandpaper to provide a surface with adequate adhesion for the plaster.

Ensure surface is clean, dry & free from contamination before starting plastering.

3. Polythene-Slab edge junction

Cut polythene DPC 25-30mm out from the slab & clean.

Apply a polystyrene safe adhesive to this area then upturn onto the Maxraft edge, ensuring it is pushed flat.

When plastering ensure the reinforcing mesh comes down over the turned-up polythene.

4. Brick Edge Rebate

A pre-meshed corner is applied to the edge of the rebate - bridging the polystyrene-concrete junction. This eliminates any possibility of cracking, and provides the best possible edge to brick too.

Once the pre-meshed corner is glued on, apply a tight coat of beccrete BASE to the top of the rebate. When this coat is dry, tank the rebate with beccrete TANKING.

Finish the side as per normal.

CONTACT DETAILS

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5. Wooden Inserts

Often Maxraft foundations have exposed wooden inserts to provide the fixing for WANZ bars.

To avoid potential cracking in this area EIFS tape is applied on the wood, overlapping onto the polystyrene then plastered as per normal.

If plastering early in the build, it is necessary to also seal the top of the wood.

This can be done by wrapping the EIFS tape up & over.

An alternative method to seal the top is to prime the timber, then apply beccrete TANKING, reinforcing the concrete-wood junction by embedding a polyester bandage into the TANKING.

6. Concrete Nibs

Straighten up concrete nib-poly junctions if required.

When plastering ensure the reinforcing mesh overlaps on to the concrete nib by at least 75mm.

7. Block Work

When the Maxraft foundation sits on top of block work there can be considerable thermal stress on the plaster at the junction between poly & block work.

To mitigate the chance of cracking, the polythene is cut flush & EIFS tape is applied to the junction overlapping both on to the poly & blocks.

8. Plastering

Apply a coat of beccrete BASE at a minimum thickness of 2.5mm.

Embed Fibreglass mesh into surface of plaster.

Put another 1mm of beccrete BASE over the Fibreglass mesh.

Once dry put a final coat of beccrete BASE on at a minimum of 1mm, then float using a plastic float.

9. Warranty

System to only installed by Beccrete approved applicators.

15 years from date of practical completion.

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