

Method Statement for the repair of Minor Cracks in StoRend External Render Systems

Material Requirements

Primer: StoPrim Micro
 Filling Material: Sto Crack Filler Fine
 Decorative Finish: Stolit / StoSilco / StoLotusan (depending on original specification)
 Facade Paint (if required): StoColor MaxiCryl / StoSilco Color / StoLotusan Color

Before repairs are carried out, it is strongly advised that the cause of cracking be identified and the substrate permanently stabilised.

Repair Procedure

The following procedures relate to isolated crack repairs in StoRend Systems.

1. Rake out cracks using a craft knife or other sharp implement, undercutting the edges to create a 'dovetailed' recess.
2. Remove all loose and friable material by means of vacuum & soft bristled brush. Wash out if necessary and allow to dry.
3. Apply StoPrim Micro (mixed precisely in the ratio of 1:4 with clean water) directly into the crack using a soft bristled brush to provide a hydrophobic barrier. Allow to dry.
4. Within not more than 7 days (preferably after 24 hours) of application of the StoPrim Micro, using a filling knife, spatula or similar small tool, apply Sto Crack

Filler Fine into the open crack, pressing in firmly to ensure the crack is fully filled. Finish by stippling with a small brush to create a texture to match the existing.

5. If some of the render finish from the original application has been retained, then some of the liquid binder (material passed through a sieve to remove the aggregate) may be applied by brush using a stippled action, onto the repaired area to achieve a close colour match.
6. Should the original material not be available, or the new repair does not 'blend-in' with the older, weathered surrounding material, then the entire panel / facade should be cleaned and overpainted with a compatible Sto facade paint, tinted either to the colour of the existing render, or any other colour in the StoColor range should a change be required.

Refer to the Sto Technical Data Sheets and Material Safety Data Sheets for the above products for further information and guidance on the application and use of specific products.

Refer to the 'StoRend Systems – Maintenance & Repair' document for further information on larger scale repairs and overpainting of facades.