



Stone Repairs



1. Remove damaged stone.
2. Consolidate repair substrate if necessary.
3. Replace damaged stone with Restoration Mortar.
4. Reform architectural detail.
5. Protect entire stone surface against water damage.

System Properties:

- Practically free of inherent stress
- Low free alkali content
- 20 standard colours
- Colour matching available
- 2 strength grades
- Feather edge grade available
- Cement free grade available
- 3 grain sizes

Stone Repairs

Item	Operation	Material / m ²
1	<p>Surface Preparation and Cleaning</p> <p>Cut out all loose and damaged stone to achieve a sound load bearing substrate. Additional support can be given by use of stainless steel dowels. If after removal of damaged stone the substrate is friable, then pre-strengthen with Remmers KSE range of strengtheners prior to repair (seek technical guidance from Remmers).</p>	
2	<p>Priming</p> <p>Prime the surface of the repair with a slurry coat of Restoration Mortar.</p>	1.8kg/m ² /mm
3	<p>Repairing the Stone</p> <p>Apply Restoration Mortar to a thickness 2mm proud of the surrounding stone, to a maximum thickness in one layer of 30mm. After initial cure, form architectural details or stone profile using toothed blade or masonry tools.</p>	1.8kg/m ² /mm
4	<p>Final Protection</p> <p>Once fully cured, treat entire stone surface with Remmers Hydrophobic impregnation (Remmers SNL for sandstone or SL for Limestone).</p>	0.15-0.7lt /m ²

Notes: Application rates and coverage are theoretical and do not allow for surface profile variation, wastage or variation in application technique. In the case of high substrate roughness you should allow for additional levelling material to be used.