

## Mortar restoration

To repair or restore mortar means to replace it. In most cases the restoration of brickwork requires the replacement of a few centimetres of mortar on the exposed surface of a wall. This serves to reinstate the integrity of the brickwork and protect the existing mortar, which in most cases is structurally satisfactory as long as it is protected from further weathering or degradation.

Mortar restoration or repointing as it is also known is frequently required on relatively recently constructed buildings as well as old. Brickwork built with cement-weak, poorly or inconsistently batched mortars are as common today as ever before. A&KA Brickwork Restorations has restored the mortar on hundreds of new homes and public buildings where the original mortar joints have failed.

In mortar restoration so we use our specially designed tools to rake out (excavate) and clean the mortar joints. Raking tools are equipped with vacuum dust and debris extraction systems to take away the old mortar quickly and cleanly. We then use a patented mortar gun injection system (another of our special custom tools) to completely fill the raked joints with a minimum of waste or contamination of the adjacent brickwork surface. The mortar we inject is a special compound based on a regular cementitious mortar with additives to improve bonding and workability and pigments to match the job. The mortar is accurately batched and of the highest quality and consistency. When cured it is structurally sound and chemically compatible with common building products.

A&KA Brickwork Restorations can complement the mortar restoration with the application of specialist chemical treatments to the finished wall including surface binders, water repellents and waterproof membranes. The range of possibilities is huge and depends entirely on the situation at hand.

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