



LIME MORTAR ANALYSIS AND MATCHING SERVICE – SAMPLING METHODS

Samples for analysis of surviving lime-based materials should consist of coherent material (i.e. in aggregated pieces not dust) weighing at **least 50g** but preferably 100g and above.

Note: if the building has been subject to modern repairs using cement based mortars, lime mortar should be taken from the beds behind such repairs. Take care not to damage the stonework in doing so.

Samples should be taken by someone with a good understanding of the building and should be clearly identified by location and date of sampling. Samples should be packed in rigid containers or strong padded bags.

To facilitate meaningful analysis photographs showing the nature of the masonry and mortar in situ, a brief description of the building and repair proposals should also be enclosed.

Please send us a sample of lime mortar following the instructions above. The value of a mortar analysis is greatly enhanced if comprehensive information is available.

Please complete the details below and attach a copy of this sheet to the sample to be sent.

Name of building / site:

Location of building:

Predominant building stone/type of masonry; i.e. rubble whinstone or ashlar sandstone:

Type of building; i.e. bridge, house, steading, castle, etc:

Nature of mortar; i.e. plaster, pointing; harl, smooth render, or from bedding joints:

Location from which mortar was removed; i.e. N/E/S/W facade & height:

Approximate date of building construction:

What will be the function of the replacement mortar; i.e. pointing, harling, construction or plastering:
