

MORTAR ANALYSIS AND MATCHING SERVICE – SAMPLE INFORMATION SHEET

Samples for analysis of surviving lime or cement-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. Please 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 mortar following the instructions above. The value of a mortar analysis is greatly enhanced if comprehensive information is available. **Mortar analysis is not a specification.**

Analysis of the **sample will not be started** until this information sheet is received. If the information is not received, there **will be delays**. Please attach this completed sheet to the sample along with the client detail form from page 1. Tick the boxes against your requirements.

- Analysis Type required:**
- Standard lime mortar analysis (LMA) @ £ 415.00 + VAT per sample** ☐
 - X Ray Diffraction analysis (XRD) @ £ 415.00 per sample + VAT** ☐
 - BS 4551 analysis for cement mortars @ £ 415.00 per sample + VAT** ☐
 - Mortar analysis by petrographic thin section @ £ 655.00 per sample + VAT** ☐
 - XRD + LMA Combo @ £ 585.00 + VAT per sample** ☐
 - XRD + BS 4551 Combo @ £ 585.00 + VAT per sample** ☐

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:

Approximate age of mortar:

Original? – Please tick ☐

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: