



International Course on Stone Conservation SC13

SESSION: Mortar fabrication and application

INSTRUCTOR: David Odgers

TIME: Tuesday, 7th May/ 9:30-11:00 (1.5 hours) & 11:30-13:00 (1.5 hours)

SESSION OUTLINE

ABSTRACT

Once the purpose and characteristic of a mortar has been understood, it may well be necessary to devise and apply a mortar either to match an historic mortar or to provide some other appropriate characteristic – for example, texture, colour, permeability, durability.

OBJECTIVES

In this day long practical exercise, participants will devise mortars to match a range of stones and a variety of characteristics (based perhaps on the results of mortar analysis).


CONTENT OUTLINE



Participants will work in the laboratory and on the 'pointing' wall using different binders, sands, stone dusts and additives to make mortars to match either stone, brick or available historic mortars. Results of trials will be reviewed during session on Wednesday 5th June.

READINGS

 = Essential reading material

 = Available online

 Ashurst, John. 2002. *Mortars, plasters and renders in conservation*. 2nd ed. London: Ecclesiastical Architects' and Surveyors' Association. 43-105.

  Schnabel, Lorraine. 2008. Practice Points Number 05: Mortar analysis part 1: Mortar-making materials. *APT Bulletin* 39 (1): 1-4.

<http://www.apti.org/clientuploads/publications/PracticePoints/05-Schnabel.pdf>

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