

## BUILDING CONSERVATION MASTERCLASSES

### MASONRY CLEANING

B2D08200 15-17 OCTOBER 2018 (2 day course)

Building cleaning has developed as an industry over the past forty years. During this period there have been failures and successes as the industry and specifiers have made mistakes and gained by experience. Even today, however, damage and disfigurement due to poor cleaning specification and execution is commonplace. The issue of BS Code of Practice No 8221 on Cleaning and Surface Repair and BRE digests 448 & 449 are important developments in the understanding and control of cleaning practices, but need to be coupled with sound practical instruction.

This course provides, over an intensive three-day period, a good understanding of the techniques available for cleaning, paint removal and other surface interventions; this will enable sensible and informed specifications to be prepared with realistic costs. During the course participants will see demonstrated and will be shown how to use and apply a wide range of washing, mechanical and chemical cleaning techniques. Participants are encouraged to bring along photos and details of any specific masonry cleaning problems they might have or had, including if possible examples of the stone.

**Please remember to bring work clothes/overalls and shoes for practical sessions.**

Course Leader: David Odgers, Director, Odgers Conservation Consultants  
Principal Tutor: Jamie Fairchild, Director, Restorative Techniques Ltd.  
Richard Cook, Sculpture Conservator  
Brian Klelund, Director, Tensid UK Ltd

**All students on this course will receive a copy of *English Heritage Practical Building Conservation: Stone*.**

Recommended Reading:  
*English Heritage Practical Building Conservation: Stone*, 2012, Ashgate Publishing  
*Ashurst N, Cleaning Historic Buildings*, Volume I Substrates, Soiling and Investigation; Volume II Cleaning Materials and Processes, Donhead.  
BS Code of Practice 8221 on Cleaning and Surface Repair.

## OUTLINE PROGRAMME

Day 1	Monday
16.00-18.00	Register at Reception Desk
19.00	Dinner
Evening	Introduction to course and participants' case studies
Day 2	Tuesday
Morning	Lecture. Background and introduction. Historical context for cleaning and assessing whether cleaning is required or beneficial. Types of substrate and soiling. Range of cleaning methods. The BS Code of Practice on Cleaning and Surface Repair and its implications.
	Lecture. A look at historical coatings and treatments and their interaction with masonry. Coating and paint removal – the reasons for and practicalities including protection and containment.
	Biological growths – identification, effects of and the ethics of removal

Afternoon	Lecture/Demonstration. Laser cleaning/water cleaning. Participants will be in two groups and will swap between the two
	Lecture/Demonstration. Chemical cleaning: theoretical basis, relevant actions/reactions and case studies.
Evening	Cleaning of St Paul's – lessons to be learned from recent programmes of cleaning (includes video from 1962)
Day 3	Wednesday
Morning	Lecture. Mechanical cleaning; hand-held abrasive blocks; systems based on compressed air and a range of abrasives with or without water; introduction to proprietary systems including the use of superheated water/steam; specification
	Demonstration. Various cleaning methods
Afternoon	Summary/case studies/surface treatments
	Discussion and questions
16.00	Course ends

**Non-residential course fee £483**

**Fully inclusive residential course fee:**

**Standard room with private bathroom facilities £653**

**Superior room with private bathroom facilities £697**

## HOW TO BOOK

Please complete one booking form, or copy of form, per person per course and enclose a deposit for each course booked. On receipt of your booking, we will send all the further details you will need for your visit, including the course details and your final payment slip. Travel instructions will be sent to all students.

For further information about the course, please contact the Course Organiser: +44 (0)1243 818219 or [cpd@westdean.org.uk](mailto:cpd@westdean.org.uk)

For further information about booking, please telephone the Bookings Office: +44 (0)1243 818300.

Website: [www.westdean.org.uk](http://www.westdean.org.uk)