



BUILDING CONSERVATION MASTERCLASSES

CONSERVATION AND REPAIR OF SLATE AND STONE ROOFING

BC3D227 24-27 APRIL 2017 (3 day course)

This course covers the history of traditional slate and stone roofing but mainly concentrates on their conservation and repair.

The starting point is an understanding of how roofs work and the different materials used, including regional variations and methods of construction. Modern codes of practice and standards are covered, along with practical demonstrations and hands-on work in making and preparing slates and mortar and their application to roofs, including setting out, recording and the construction of both random and single-sized roofs. The course will be supplemented by films and practical sessions on surveying old roofs, traditional detailing, writing specifications and finding sources of information.

Please remember to bring work clothes/overalls and work boots (preferably steel toe caps) for practical sessions.

Course Leader: Terry Hughes is a Fellow of the Institute of Roofing and has experience in the slate industry worldwide including 15 years at Penrhyn quarry in Gwynedd. He is past Chairman of the BSI and European (CEN) technical committees for roofing slates and a member of the Code of Practice committees for Slating and Tiling. He founded and chairs the Stone Roofing Association.

Tutors: Richard Jordan, Jordan Heritage Roofing
Mike Fildes and South Coast Roofing Training team

Chris Wood, Head of Building Conservation and Research Team, Historic England.

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

Recommended Reading:

English Heritage Practical Building Conservation: Roofing (2013), Ashgate Publishing

OUTLINE PROGRAMME

Day 1	Monday
16.00-18.00	Registration
18.45	Welcome Talk
19.00	Dinner
Evening	Introduction: Preliminary
Day 2	Tuesday
Morning	Conservation and understanding slating: How slate roofs work; Evolution: from vernacular to modern slates; from vernacular to modern slating – random and tally; Slate splitting demonstration; Slating types: other types of slating, single lap, triple lap, patent, diamond pattern etc Fixing systems: pegs, nails, hooks, grids; Record various slating types;

Afternoon	Regional roof types: materials; stone slates; metamorphic slates; true random slates; Conservation codes and quality; Finish recording various slating; Detailing: traditions/problems/solutions
Evening	Videos: Collyweston
Day 3	Wednesday
Morning	Detailing: traditions/problems/solutions continued Uses of mortar; mortar mixes; tail and head bedding; scantle bedding; torching; flaunches Inspect bad slating;
Afternoon	Survey: specify, appraisal, investigation, assessment; SCRT preliminaries at West Dean; Practical conservation workmanship – choosing a slater; writing/checking a specification; on-site checks/supervision; Further information sources and final Q & A
Evening	Videos: Penmaen Cottage
Day 4	Thursday
Morning	Transfer to South Coast Roof Training for practical work Advanced slating: Sorting and stacking slates to size, working out gauge sticks, battening and slating roofs
Afternoon	Complete practical work and assessment: Issue of certificates and depart. Minibus to Chichester Railway Station and West Dean College.

Non-residential course fee £620

Fully inclusive residential course fee:

Shared bathroom facilities 791

Standard room with private bathroom facilities £851

Superior room with private bathroom facilities £911

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

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

Website: www.westdean.org.uk