

Lime and Mortars

Workshop

Woolmers Estate 9 May 2017

Sponsored by TBCITB

Who should attend?

Bricklayers, builders, masons, plasterers, conservation practitioners, property managers and specifiers are invited to attend a one-day practical workshop on APT-approved systems of working with lime in mortars and plasters presented by conservation specialist David Young OAM with assistance by the APT Longford Academy team.

Outline of Workshop

In this workshop the following topics will be covered in presentations, demonstrations and practical activities.

Examining and evaluating condition of mortars and plasters

Understanding limes – types, properties, preparation, which one do I choose?

Sands – what makes a good sand? Blending sands

Mortar mixes – mix ratios, additives, preparation and storage

Approach to repair – extent, selection of mixes, surface preparation, curing lime mortars and dealing with salts

Doing it – desalinating, repointing mortar joints, repairing lath and plaster, and roughcast plastering (harling)

Selection and application of lime finishes

How to register

To register, contact the APT Convenor by email: apt.australasia.chapter@gmail.com. Attendance \$200 (\$150 APT Member) includes morning tea and lunch.



Hot lime and sand mix in preparation



Trial lime mortar samples on historic brickwork



Lead Presenter

David Young is a conservation specialist, educator and author of technical publications. His work includes investigations of lime mortars and plasters in the repair and conservation of buildings. He is author of a technical guide, 'Salt Attack and Rising Damp', and is currently preparing a technical guide on mortars and repointing of older buildings.

Paper poulitice on decayed brickwork. David Young 2015

Support Team

The workshop is delivered by the APT Australasia Chapter in conjunction with Woolmers Estate, with assistance from the Longford Academy team of local and mainland practitioners and materials conservation specialists.

The workshop is supported by TBCIT. Eligible industry participants can apply online for funding assistance (<http://tbcitb.com.au>) at least three working days prior.

Trial application of lime plaster. Longford Academy 2016



Topics

Topics covered during the day include properties of limes and sands, mortar making; mortars for bedding, pointing and plastering; methods of re-pointing; protecting and curing lime mortars; salts in porous masonry and desalination techniques; lime coatings, including rough plasters and lime washes.

Salt extraction by captive head washing. Let's Clean 2016

Workshop Venue

The setting for the workshop is World Heritage-listed, Woolmers Estate at Longford, which provides a range of conservation challenges and opportunities for intensive examination of conservation issues. Participants will engage with materials and processes in discussions, demonstrations and practical activities.

Lime washing with traditional copperas mix. Woolmers 2015

