Unit 109: Plastering and interior systems

# Worksheet 10: Traditional lime-based plastering (tutor)

Answer these questions on traditional lime-based plastering materials:

1. List two advantages of using lime-based plasters.

Breathable and flexible surfaces

1. How does hydraulic lime set?

Hydraulic lime sets through hydrolysis

1. How does non-hydraulic lime set?

Non-hydraulic lime sets through carbonation

1. List the three types of hydraulic lime strengths.

NHL 2, NHL 3.5 and NHL 5

1. What type of sand is used for lime-based plaster mix?

Coarse sand

1. How is lime putty produced?

Lime putty is produced by slaking pure quicklime – calcium oxide.

1. Why would lime mortar be used for plastering?

To conserve the heritage of listed buildings. It is breathable and the only plaster compatible with traditional solid-walled buildings.