

## **Lime Mortar Fixing of Ceramic Heritage Plaques**

To meet the requirements of attaching ceramic plaques to listed and historic buildings Ned Heywood, our appointed plaque maker, has devised a method of attaching the plaques to stone or brick using lime mortar, a material which takes up to 12 weeks to fully harden, but which is much more conservation friendly than Portland cement.

The design of the back of the plaque includes a concealed fixing recess which fits over a length of aluminium extrusion which is attached to the wall using one or two screw(s) inserted into a mortar joint. This fixing point need not necessarily be at the centre of the plaque. To accommodate this fixing the plaque is made approximately 15 mm thick, and with the addition of a 5 mm bed of mortar the maximum protrusion from the wall is approximately 20mm (a maximum of 25 mm at the centre of the plaque).

The mechanical fixing is entirely concealed behind the plaque. There are no screw holes in the front surface of the plaque. The fixing will hold the plaque in place whilst and after the lime mortar hardens. The fixing is made from aluminium and nylon and will not degrade.