

## K1607 Condition Report

**Conservation Started:** 14/06/2013

**Conservation Finished:** 14/06/2013

**Conservator:** Cymbeline Storey

**Time Taken:** 0.75 hour

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 5mm (W) 2mm (Th) 0.5mm

**Weight before:** <0.01g

**Weight after:** <0.01g

**Catalogue number:** 190

### Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights (20-200x magnification). Taken before and after.

**Annotation on any of the storage bags or boxes:** None

**Description:** Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

Fragment of copper alloy gilt, decorated on the front (ribbed).

**Associated Objects:** K1618, K1659, K1660 and possibly others (TBC)

**Pre-Conservation Condition:** Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

The layer of copper alloy is completely corroded and quite thin. There is a little soil on both sides. All edges are breaks.

**Treatment:** Carried out using a Meiji stereo microscope

**Purpose:** Study

**Aim:** Total cleaning

**Materials:** Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, cotton wool swabs

The granular soil on the front/back was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

A storage box padded with white polyethylene foam was made for housing the object. A strip of Tyvek (spun bound polyethylene fibres) was used as a cushion for the object and to help lift it out of the foam.

**Post-Conservation Condition/Findings:**

The condition of the object is the same as pre-conservation apart from removal of a small amount of soil.

**Key Features:**

- Small fragment of gilded copper alloy with ribbed decoration on front.

**Samples:**

None