

K1178 Condition Report

Conservation Started: 02/05/2013

Conservation Finished: 02/05/2013

Conservator: Cymbeline Storey

Time Taken: 1.25 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 10mm (H) 8mm (Th. edge) 1mm

Weight before: 0.82g

Weight after: 0.80g

Weight with K547: 5.69g

X-ray: L92

Catalogue number: 140

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

Small, rectangular fragment of gold with dense beaded and twisted filigree decoration on the front. The object is folded in half so that it is square and flat. The decorative scheme is a single beaded wire along the long finished edges and linear herringbone-pattern twisted filigree in the centre. Both short edges are breaks, one of which has a partial round fastening hole.

Associated Objects: K547

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

Square, flat object that is a rectangular strip folded in half. Both short ends are old-looking breaks. Two of the filigree wires are broken at the point of the bend.

There is a small amount of soil in recessed areas around the filigree wires. The filigree is quite worn down and has light tarnish (possibly post-excavation).

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, 50:50 water/IMS on metals, cotton wool swabs, cocktail stick, Paraloid B72

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.

The paper K number was adhered to the back with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a cocktail stick.

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 the soil. The entire surface can now be seen. On one of the short break edges there is one partial round fastening hole surrounded by a beaded wire.

Key Features:

- Narrow strip of gold with dense beaded and twisted filigree decoration
- Linear herringbone-pattern twisted wires
- Folded in half
- Partial round fastening hole

Samples:

None