

K 1450 Condition Report

Conservation Started: 21/5/13

Conservation Finished: 22/5/13

Conservator: Deborah Magnoler

Time Taken: 2.5 hrs

Including digital photography, report, conservation and packing.

Dimensions: (L) 11 mm (W) 7 mm (T) 1 mm

Weight before: 0.5g

Weight after: 0.49g

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

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

A rectangular gold fitting with one empty rivet hole at one side. The object is covered with an interlace filigree pattern and bordered by a single strand of beaded wire. The back is plain but the base plate bears the depressions left by the application of the filigree at the front.

Associated Objects:

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

Partly covered in soil. the object is torn on two sides: the base plate is broken here, and the border wire stretched but not fractured. A patchy, dark form of discoloration affects the wirework most severely. There are two patches of black/iridescent discolouration on the back.

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 and 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.

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:

See pre-conservation reports

Key features:

- Rectangular fitting with intertwined filigree
- One hole

Samples:

None taken – insufficient soil.