

K1248 Condition Report

Conservation Started: 24/1/13

Conservation Finished: 25/07/13

Conservator: Deborah Magnoler

Time Taken: 3 hrs

Including digital photography, report, conservation and packing.

Dimensions: (L) incomplete 15mm (W) incomplete 12mm (Th) 2mm

Weight before: 0.95g

Weight after: 0.92g

Catalogue number: 188

Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with an Infinity 1 camera (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, during and after.

Annotation on any of the storage bags or boxes:

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Fragment of a silver gilt object with a tightly woven, three stranded interlace decorative pattern. Probably cast. The body is curved, and it is difficult to establish whether this is an original feature or the result of damage. One of the finished edges is plain and flanged.

Associated Objects: possibly K993 & K1337

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

Broken on two sides, intact on two sides. Partially covered by a layer of soil. the tarnish has discoloured the gilding in places. There are traces of green copper corrosion attached to the gilding. There are also deposits of green copper corrosion at the back. A grey corrosion encrustation also covers part of the back

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Partial cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals.

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 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products (silver & copper) 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.

25/07/13: further cleaning of the back and front was carried out using the same materials and methods as on the first phase of conservation. DM

Post-Conservation Condition/Findings:

See pre-conservation condition.

Key Features:

- Silver gilt fragment with tight woven decorative pattern
- Possibly cast
- One plain flanged end