

K1047 Condition Report

Conservation Started: 22/1/'13

Conservation Finished: 22/1/'13

Conservator: Deborah Magnoler

Time Taken: 1 hr 30 mins

Including digital photography, report, conservation and packing.

Dimensions: (L) 11.5mm (W) 8mm (T) 1.5mm

Weight before: 0.48g

Weight after: 0.44g

Catalogue number: 688

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
A fragment of a silver object. Possibly cast & incised, it features a buckle-like fixed loop and an imitation of twisted wire decoration. The back is plain.

Associated Objects:

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

Lightly covered with a layer of soil. Broken at both ends, the metal appears mineralised and is possibly fragile. The surface is covered with an encrustation of light grey grainy corrosion (possibly silver chloride), probably obscuring a layer of gilding.

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, scalpel blade.

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.

Some of the 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 condition.

Key Features:

- Silver, possibly cast &/or incised
- Gilded
- Buckle-like shape & imitation filigree.

Analysis Undertaken:

XRF analysis of the object was performed. See document 'KXXX XRF Report'.