

## K1376 Condition Report

**Conservation Started:** 19/02/2013

**Conservation Finished:** 19/02/2013

**Conservator:** Cymbeline Storey

**Time Taken:** 2 hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 10mm (W) 5mm (D) 1mm

**Weight before:** 0.24g

**Weight after:** 0.23g

**X-ray plate:** L42, L95, L104, L116, L125, L139

**Catalogue number:** 75

### 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 and after.

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

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

Flat, rectangular fragment of silver gilt with raised three-ridge interlace decoration on the front.

**Associated Objects:** TBC

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

Only the front is gilded. Soil covers ~90% of both surfaces. On the back there is some silver chloride corrosion. Visible metal on the front has moderate tarnish. All edges of the fragment are old-looking 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, 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.

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:**

Removal of the soil has revealed the surface, which is gilded and heavily tarnished. The design is a standard raised, three-ridged interlace.

**Key Features:**

- Silver gilt fragment with raised, three-ridge interlace

**Samples:**

1. soil