

## K1344 Condition Report

**Conservation Started:** 30/04/2013

**Conservation Finished:** 30/04/2013

**Conservator:** Cymbeline Storey

**Time Taken:** 1.5 hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 24mm (W) 5.5mm (D) 2mm (Th. sheet) 0.5-1mm

**Weight before:** 1.02g

**Weight after:** 0.96g

**Catalogue number:** 614

### Digital photography:

Taken with a Canon EOS digital camera under daylight or bulbs and 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

Roughly rectangular fragment of undecorated silver gilt c-sectioned strip. The front is convex and gilded; the back is concave and ungilded. All edges are breaks.

**Associated Objects:** TBC

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

The object is a roughly rectangular fragment of silver gilt. All edges are old-looking breaks.

The front (gilded) surface is convex. It has general surface abrasions (most of which look old) and a few light patches of tarnish (possibly post-excavation) and light purple film of corrosion (likely silver chloride).

The back is concave and ungilded. There is patchy light to dark tarnish (probably from burial) and a few flecks of purplish corrosion (probably silver chloride).

**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, 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 front of object is the same as pre-conservation apart from the removal of a small amount of soil and tarnish.

The back of the object can now be seen. It is heavily tarnished to a fairly consistent dark grey colour and has many old-looking abrasions and scratches. There is one deeper, more distinct, old-looking scratch down the centre.

**Key Features:**

- Fragment of plain silver gilt c-sectioned strip

**Samples:**

1. soil