

## K1335: Gilt silver-alloy fragment

### Condition Report

**Conservation Started:** 11.3.2013

**Conservation Finished:** 11.3.2013

**Conservator:** Julia Leunge

**Time Taken:** 1 hour

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 18 mm (W) 7 mm (D) 1.4 mm (T) 1 mm (H. flange) 4mm

**Weight before:** 1.35 g

**Weight after:** 1.31 g

**Catalogue number:** 383

#### Digital photography:

Taken with a Canon EOS 1100D digital camera, under overhead lights. Taken before and after.

#### Annotation on any of the storage bags or boxes:

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**Description:** Visual and microscopic examination using Meiji stereo microscope 20x magnification  
Gilt silver-alloy fragment in 90 degree angle. The front is gilt, apparently by application of gold foil.

#### Associated Objects:

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**Pre-Conservation Condition:** Visual and microscopic examination using Meiji stereo microscope  
20x magnification

The gilding has many small, and some large scratches. It has also been cut through in some places. Green copper corrosion product is visible on the front of the object, the back has been almost entirely covered by it. Incrustations, possibly calcareous, are present on front and back.

**Treatment:** Carried out using a Meiji stereo microscope

**Purpose:** Study / Analysis

**Aim:** Total cleaning

**Materials:** Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals, water on garnets, 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:**

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**Key Features:**

Gilding

**Analysis Undertaken:**

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**Samples:**

1: soil from front, back and side surfaces of the object.

**References:**

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