

K 1289 Condition Report

Conservation Started: 30/5/13

Conservation Finished: 30/5/13

Conservator: Deborah Magnoler

Time Taken: 0.5 hr

Including digital photography, report, conservation and packing.

Dimensions: (L) 12 mm (W) 5.5mm (Th.) 1mm

Weight before: 0.25g

Weight after: 0.24g

X-ray: L93

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification. Fragment of silver sheet with traces of gilding. The object has no other decorative features.

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

The object is virtually clean on the outside. It is folded in two and some granular soil is trapped inside. The silver surface is darkened by a black form of discolouration/oxidation, although some of the gilding is visible. The object has a crack on the folded corner and is deemed very fragile. There are multiple superficial scratches on the surface, as they affect the dark layer they might have been caused during excavation.

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,, cotton wool swabs, cocktail stick,

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 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: see pre-conservation reports.

Samples:

None – insufficient soil.