

K1665 Condition Report

Conservation Started: 16/5/2013

Conservation Finished: 17/5/2013

Conservator: Deborah Magnoler

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 5 mm (W) 3mm – largest piece. (Th) <0.25mm

Weight before: 0.05g

Weight after: 0.05g

Catalogue number: 695

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
Five fragments of backing foils, with a standard pattern. Two of the fragments are shallow stamped, three of them are deep stamped.

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

The larger fragments are bent and lightly covered in soil. The smaller fragments appear to have suffered abrasion and discolouration. Some of the larger fragments have a dark deposit within the recesses.

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, cotton wool swabs, cocktail stick.

The granular soil 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.

Superficial deposits were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

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

Key Features:

- Standard foils
- Shallow pattern and deep pattern

Samples:

None taken – insufficient soil