

K 1224 Condition Report

Conservation Started: 21/5/13

Conservation Finished: 22/5/13

Conservator: Deborah Magnoler

Time Taken: 1.5 hrs

Including digital photography, report, conservation and packing.

Dimensions: (L) 15 mm (W) 6.5mm (Th. sheet) <0.5mm

Weight before: 0.13g

Weight after: 0.13g

Catalogue number: 682

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 gold sheet with two complete and two incomplete rivet holes. Two of the edges are neatly cut, while the rest appear to have been torn and are rugged.

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

The object is incomplete, bent and folded. The colour of the gold is brilliant yellow with no particular discolouration.

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 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:

See pre-conservation reports.

Key features:

- Plain sheet with 4 rivet holes

Samples:

None taken – insufficient soil.