

K1323 Condition Report

Conservation Started: 24/5/13

Conservation Finished: 28/5/13

Conservator: Deborah Magnoler

Time Taken: 2 hrs

Including digital photography, report, conservation and packing.

Dimensions: (L) 18.7 mm (W) 6.1mm (T) 0.6 mm

Weight before: 0.7g

Weight after: 0.6g

Weight with K1188: 3.89g

X-ray: L89

Catalogue number: 139

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.

Gold strip decorated with horizontal strands of plain twisted wire arranged in a herring-bone pattern. The outer border is a single line of beaded wire. The complete end is slanted and there are two empty fastening holes here. The back is plain but bears the depressions left by the wire at the front.

Associated objects: K1188

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

Partly covered in soil. The complete end is folded upwards and the main body is curved. One end is cut with some of the wire strands protruding. The wire decoration has suffered much abrasion or/and wearing, especially near the cut end. The back is highly discoloured by a dark material.

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 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

Key features:

- Herring bone strip with slanted end
- Two rivet holes

Samples:

None taken – insufficient soil.