

K1119 Condition Report

Conservation Started: 25/4/2013

Conservation Finished: 26/4/2013

Conservator: Deborah Magnoler

Time Taken: 2 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 41mm (W) 5mm (Th.) 0.5-1mm

Weight before: 3.93g

Weight after: 3.36g

Catalogue number: 615

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 a silver C-sectioned edging. This object has no gilding and unlike the gilded C-sectioned edging examples found so far, appears thinner and narrower.

Associated Objects: other silver C-sectioned fragments.

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

The outer surface is almost entirely clean, and shows a silver surface darkened by patches of oxidation/enrichment that gives the object an opaque dark grey colour. Both ends are broken and the object is twisted and bent. There is a fine crack running vertically to the length of the object near one of the broken ends. There is also a deep linear scratch by the central bent area. there is a patchy hard silver corrosion encrustation on the surface. The inside is filled with soil.

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, wool swabs, cocktail stick

The granular soil on the inner side 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.

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:

Nothing of interest except soil was found inside

Key Features:

- Silver C-section edging

Samples:

1. soil from the inside