

K1311 Condition Report

Conservation Started: 25/4/2013

Conservation Finished: 26/4/2013

Conservator: Deborah Magnoler

Time Taken: 1 hour 30 minutes

Including digital photography, report, conservation and packing.

Dimensions: (L) 32 mm (W) 5mm (Th.) 0.5-1mm

Weight before: 2.35g

Weight after: 2.01g

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 strip. Unlike some of the other C-sectioned fragments, this object has no gilding, and appears comparatively thinner and narrower.

Associated Objects: other C-sectioned silver edging fragments

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

Almost completely clean on the outside. The inside is filled with soil. The object still displays some of its metallic silver colour, although lightly dulled by surface enrichment or oxidation. The object is broken at both ends and twisted. There is a thin stress fracture in the central area and a dent or deep scratch near one of the broken ends. Some hard encrustation on the surface.

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 inside 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.

Key Features:

- Silver
- C-sectioned edging

Samples:

1. soil from the inside