

CAT No. 261- Hilt Plate
K12 + K1234
Condition Report

Conservation Started: 09/07/15

Conservation Finished: 16/07/15

Conservator: Lizzie Miller

Time Taken: 6 hours

Including digital photography, report, conservation and packing.

Dimensions:

K12 – 18.8mm (L) x 16.4mm (W) x 0.4mm (T)

K1234 – 31.8mm (L) x 1.37mm (W) x 0.4mm (T)

Combined – 38.1(L) x 18mm(W) x 0.4mm(T)

Weight before:

K12 – 1.32g

K1234 – 1.88g

Weight after: n/a

Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with a Canon digital camera and fibre optic lights, 7-75x magnification. Taken before, during and after.

Annotation on any of the storage bags or boxes:

K12: 227 (in a triangle) 31/7/09

K1234: SSH09 1971 M9 1001 142 (in a triangle) 27/7/09

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Two fragments of a gold hilt plate, possibly making up the entire object.

Associated Objects: n/a

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

The fragments had been previously cleaned in 2011. Both fragments are heavily distorted and have superficial scratches to the surface. Breaks appear fairly new.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Display/ Analysis / Study

Aim: Re-assembly

Materials: Soft natural/synthetic brushes, cotton swab, cocktail stick, thorn in pin vice/holder, 20% & 40% Paraloid B-72 w/v in acetone, acetone, Reemay Polyester netting 30gsm

The two fragments were joined using 40% Paraloid B-72 w/v in acetone. Because of the limited point of contact between the two fragments, the join was reinforced by adhering a small piece of polyester

webbing with 20% Paraloid B-72 in acetone on the reverse. The join still proved insufficiently strong therefore a second layer of polyester webbing was adhered to the reverse and a layer onto the obverse, using 40% Paraloid B-72 in acetone.

A new storage box padded with white polyethylene foam was constructed to house 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:

Join edge is very fragile, handle with care

Key Features:

- Plain gold hilt plate
- Rivet beaded decoration

Samples: See fragment condition reports