

K121 Condition Report

Conservation Started: 2013

Conservation Finished: 2013

Conservator: Deborah Magnoler

Time Taken: 1 hour 30 minutes

Including digital photography, report, conservation and packing.

Dimensions: (L) 5 mm (W) 3 mm (of larger object) (Th) <0.5mm

Weight before: 0.04g (total)

Weight after: 0.04g (total)

Catalogue number: 683

(K121b gold foil renumbered to K1791 catalogue number 695)

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
Group of two gold object: One stepped/corrugated cloisonné cell wall with a top flange. One backing foil with standard stamped pattern.

Associated Objects:

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

Both objects are lightly soiled. The backing foil has a residue of a green material attached to the back (see photomicrographs).

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 front & 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 possible paste on the back of the foil was left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

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:

- One cell wall from a cloisonné

- One standard backing foil

Samples:

None taken – insufficient soil