

Date: 11/03/2024

Dear Colette,

Whilst the concrete repairs undertaken at UCL's IOE differ from those detailed in Historic England's document on the Conservation of Concrete which primarily details the nature of repairs resultant of external damage, cracking, corrosion and water ingress, Overbury have looked to adopt elements from the report that were pertinent for the making good works they have undertaken. Specifically, as relates to the preference for retention of existing fabric and, where not possible, the maintenance of the original appearance by matching the aesthetics of original, exposed concrete.

As part of the works to the IOE, Overbury have formed, in accordance with Planning and Listed Consent, a number of new openings through concrete that have necessitated making good around.

The product selected for this was Fosroc Renderoc HB40 as the application was suitable to make good both vertical and horizontal surfaces at the depths required, for the specific criteria, to provide a best match to existing concrete in appearance, colour and look whilst also providing a robust, long-term solution. Please refer to the Renderoc HB40 data sheet for details.

Further to the application of the Fosroc Renderoc HB40, Overbury will apply an additional coat of Fosroc FCR which will achieve a smooth surface finish that matches that of the original concrete. Selected with the recommendation of the manufacturer, the product can be applied to a feather edge over both the existing Renderoc previously applied as well as small sections of the existing concrete itself (where this may occur in product application). This will provide a smooth and seamless finish between existing and 'made good' surfaces.

The Fosroc FCR will not visually affect the current 'look' of the Renderoc applied, however to ensure that Overbury achieve a finish that is acceptable to address all concerns from a heritage perspective, Following various trials the whole concrete repair area has been completed.

See below pictures of the completed concrete repair on both faces of the formed structural opening.

Face 1:



Face 2:

