

Imperial War Museum London (United Kingdom)

Opened in 1917 during the First World War to commemorate the war effort in progress and sacrifices made by the citizens of the British Empire, the Imperial War Museum was closed for about a year for major development and modernization. It was reopened last July, on the anniversary of the outbreak of World War.

One of the object of the development areas has been the entrance to the museum, where the local authority had applied a stable floor, durable and resistant to the passage of visitors, but also nice from an aesthetic point of view. Technical Assistance at Mapei has recommended the application of the self-leveling mortar ULTRATOP that, thanks to the mechanical resistance to abrasion and to the aesthetic aspect characterized by a strong materiality, offers excellent solutions for floorings also subjected to strong walkway.

Initially the site was made by the demolition of the existing pavement and to the realization of a new desolidarised screed, solid and compact and good mechanical strength performed with TOPCEM, premixed mortar for screeds. On top TOPCEM on which has been applied in adhesion, it has been recommended the drafting of the two-component epoxy mortar on the adhesive EPORIP.

Once cured over the dry time, it was possible to proceed to the realization of continuous flooring with self-leveling mortar ultrarapid hardening ULTRATOP choice in light gray color. Initially, the laying substrate was pre-polymerized with PRIMER SN, a suitable primer based on epoxy resins. The joints were sealed with MAPEFLEX PU30, high chemical and mechanical resistance sealant.

Data sheet

Year of Construction: 1917
Year Intervention: 2013-2014

Client: Imperial War Museum
Designer: Fosters + Partners
Contractor: Lend Lease Works

Management: Cliff Hook Polished Concrete Designs
Coordination Mapei: Steven Price (Mapei UK)

Products By Mapei:

Eporip, Mapecem, Mapeflex PU30, Mapegrout SV, Primer SN, Topcem, Ultratop

