

Project:

Museum of London

Location:

London (United Kingdom)

Owner/s:

Corporation of London

Applicator/Contractor:

Surtec

Designer/Architect/Specifier:

Corporation of London –
Design Team

Market sector:

Public buildings

Products used & amounts:

MasterTop 1325,
MasterTop 1325/REG,
MasterTop 1324/Flake,
MasterTop 1255
Stone Carpet,
MasterTop DAP,
Ucrete UD200

Museum of London

MasterTop, Ucrete



Our reference in London (United Kingdom): Museum of London

The background

This extensive project at the Museum of London, one of the world's largest urban history museums, involved a £ 20 million investment in the new Galleries of Modern London and the Clore Learning Centre. The new permanent exhibitions transport the visitor through the capital's tumultuous history from 1666 to today, through five galleries and 7,000 objects. The installation of a number of Master Builders Solutions from BASF resin flooring systems by Surtec enabled the museum to use different flooring finishes in the same environment as a holistic part of each new exhibition area. Aesthetics and performance were crucial to the specification.

The challenge

The ability to provide many solutions from a single source was an important contribution to the creative continuity of each area's design. Hygiene and an easy-to-clean surface were also essential requirements. Many different areas needed to meet a range of aesthetic demands. Varying substrates were found in the existing structure, some of them extremely old. A durable, comfortable flooring system was further needed to minimise footfall noise.

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 **BASF**

The Chemical Company

Museum of London

MasterTop, Ucrete



Our reference in London (United Kingdom): Museum of London

Our solution

The comprehensive range of MasterTop and Ucrete resin flooring systems available enabled BASF to supply six different finishes, some in geometric designs in different colours, providing flooring solutions over 2,300 m² throughout the new galleries. Substrates on the project included new screed, new concrete, new cantilevered concrete and 100-year old tiles. The original specification included the City Gallery floor where one of the museum's highlights, the Lord Mayor's Coach, built in 1757, is on permanent display on a MasterTop floor when not in use. However, the insulated sub screed in this cantilevered extension had cracked along the centre line of each supporting beam. The screed manufacturers "stitched" the cracks but they soon re-appeared. BASF recommended changing the floor finish from MasterTop 1250 to MasterTop 1324 elastomeric, crack bridging polyurethane with a flake finish. The challenge then became to match the colour scheme and 10 samples of various background/flake combinations were submitted until the designers were happy with a bespoke solution selected from these samples. The floor has performed well despite on-going structural movement in the substrate.

The customer's benefit

- Wide range of decorative systems available met all of the customer's needs, while performance characteristics met all further functional requirements.
- Flooring systems formulated with sustainability and low emissions in mind.
- We have a track record of many successful museum installations: following on from the Museum of London project, MasterTop 1325 was also installed at the Florence Nightingale Museum at St Thomas Hospital in London by Surtech, based on the recommendation of the construction company involved thanks to its success at the Museum of London.

Project facts at a glance

- Scope of project: 3,000 m².
- £ 20 million invested in the project.
- Supply of six different finishes from the MasterTop and Ucrete resin flooring systems.
- Some were in geometric designs in different colours.
- Flooring solutions over 2,300 m² throughout the new galleries.
- 100-year old tiles overlaid with MasterTop 1325/REG, since the design team did not want to remove these because of their age.

More information

The Master Builders Solutions brand expresses BASF's expertise in providing customized chemical solutions for new construction, maintenance, repair and restoration of structures.

Master Builders Solutions is built on the experience gained from more than a century in the construction industry. At the core of the Master Builders Solutions brand is the combined know-how and experience of a global community of BASF construction experts, who connect with you to solve all of your construction challenges.

Further information is available at www.master-builders-solutions.basf.co.uk