

**Project:**  
The Building Centre

**Location:**  
London

**Owner/s:**  
The Building Centre

**Applicator/Contractor:**  
Surtech

**Designer/Architect/Specifier:**  
Surtech & Master Builders Solutions

**Market sector:**  
Commercial Flooring

**Products used:**  
MasterTop 524  
MasterTop P 617  
MasterTop 1324

**Sales contact:**  
mark.driver@mbcc-group.com

**Technical contact:**  
Tamsin.beach@mbcc-group.com

## The Building Centre, London

### Flooring solution for entrance and café refurbishment



Our reference in London (United Kingdom): The Building Centre

#### The background

The Building Centre in central London was established in 1931. It has, since then, developed to become an independent forum dedicated to providing information and inspiration to all sectors of the built environment. The Centre is open to all involved in architecture and construction and facilitates learning, knowledge sharing and debate about the built environment.

The Building Centre operates as the commercial arm of The Building Centre Trust, an educational charity, focusing on the built environment.

#### The challenge

As a member of the Building Centre, we were approached by John Bonning, Commercial Director, to see if we could specify a flooring solution for the café area. The existing flooring was a rubber system, and had been in place for many years, however over time, areas were peeling away, become torn from general wear and tear, and therefore needed replacing for safety and aesthetic reasons.

Another challenge was that the Building Centre is a public amenity and therefore open six days a week, Monday-Saturday, and could not close whilst works were taking place.

**Head Office:**  
Master Builders Solutions UK Ltd  
Swinton Hall Road  
Swinton Manchester  
M27 4EU, United Kingdom

T: +44 (0)161 727 6300

**Redditch Office:**  
Master Builders Solutions UK Ltd  
19 Broad Ground Road, Lakeside,  
Redditch, Worcestershire,  
B98 8YP, United Kingdom

T +44 (0)1527 512 255

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### Our solution

Master Builders Solutions specified MasterTop 1324, a resilient, crack-bridging, polyurethane system which can be applied up to a maximum of 4mm thick.

Before Surtech proceeded with the installation, the rubber flooring was removed, and the substrate inspected. This exposed a poor-quality screed, in which some areas had blown, and others had hairline cracks.

The ideal solution would have been to replace this using a levelling screed, however, due to level and time constraints, this was not an option. Therefore, the area was diamond ground to remove the existing rubber adhesive and the blown areas. These were patch repaired using MasterTop 524 fast-setting cementitious pumpable flooring screed and a fibre-glass mesh was used in the primer coat MasterTop P 617, to repair the hair line cracks.

The floor then had a scratch coat (the body coat of MasterTop 1324, blinded with a small aggregate to 'remove' any small imperfections in the surface and cover the changes in substrate), body coat and the topcoat applied.

### Benefits to the customer

- Preparation work started on a Thursday and, thanks to the skilled workforce and the low VOC content of the Master Builders Solutions products, which were safe to the public, the centre was able to remain open and fully functional whilst the installation took place.
- Completion was the following Sunday afternoon, allowing the final topcoat to cure overnight and be ready for the public to walk on the next day.

### Projects facts at a glance

- 100m<sup>2</sup> flooring refurbishment project
- Facility needed to remain open six days a week
- Low VOC systems from Master Builders Solutions ensured public safety
- Full completion of project within four days, from preparation to installation
- Overnight cure meant the area was walkable next day

### Master Builders Solutions by MBCC Group

The Master Builders Solutions brand expresses MBCC Group'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 construction experts, who connect with you to solve all of your construction challenges.

Further information is available at:  
[www.master-builders-solutions.com](http://www.master-builders-solutions.com)