

**Project:**

Waterproofing the TELEFÓNICA building's roof

**Location:**

Madrid, Spain

**Project completed:**

2019

**Owner/s:**

Telefónica.

**Applicator/Contractor:**

IMTEX

**Market sector:**

Nonresidential building

**Products used & amounts:**

MasterSeal Roof 2160

3,500m<sup>2</sup>

MasterSeal P 770

MasterSeal M 860

MasterSeal TC 259

## TELEFÓNICA Building's roof

### Roof waterproofing with MasterSeal Roof 2160



The configuration of the roofs and terraces of the TELEFÓNICA building in Madrid, Spain, required a special solution

### The background

Several roofs and terraces of the TELEFÓNICA building in Madrid required waterproofing,

Situated on various levels, and differing in type, the total surface area of the different terraces and roofs was approximately 3,500 m<sup>2</sup>.

### The challenge

A high-performance waterproofing system, which would not adversely impact on the building's windows and cladding, was required.

Spray-applied systems were ruled out because, although they take less time to install compared to hand-applied systems, the configuration of the building meant that huge areas of walls and windows would have required protection. This would have slowed down the work too much.

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# TELEFÓNICA building's roof

## Roof waterproofing with MasterSeal Roof 2160



All the products were hand applied to avoid the need to protect windows and cladding

### Our solution

Considering all requirements of the project, the MasterSeal Roof 2160 system was selected as the best solution.

The MasterSeal Roof 2160 System consists of three products, all hand applied: MasterSeal P770 primer which has extraordinary adhesion to both absorbent and non-absorbent substrates; MasterSeal M 860, a hybrid polyurea membrane with high resistance to abrasion and impact, and a high elastic capacity; and MasterSeal TC 259, a topcoat which provides UV protection.

### Benefits to the customer

- Seamless solution that adapted easily to the complex configuration of the roof.
- High elastic capacities of the membrane, coping with movement of the substrate without reflecting cracks, thus removing the risk of leakages.
- All works proceeded without interrupting the activities in the building.

### Project facts at a glance

- A total area of approx. 3,500 m<sup>2</sup> was waterproofed.
- Hand-applied products.
- Minimum disruption of the building users during installation.

### 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 your construction challenges.

Further information is available at:

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