

**Project:**

New facilities for Lantegi Batuak

**Location:**

Getxo, Bizcaia (Spain)

**Project completed:**

2011

**Owner/s:**

Lantegi Batuak

**Applicator/Contractor:**

TVMAC

**Designer/Architect/Specifier:**

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**Market sector:**

Electronics industry

**Products used & amounts:**

MasterTop 1270 AS-R

## Lantegi Batuak (Getxo)

### Antistatic flooring in electronics industry



Our reference in Getxo (Spain): New facilities for Lantegi Batuak

#### The background

Lantegi Batuak is a private non-profit organization whose aim is to generate job opportunities for people with disabilities, achieve their inclusion, maximum development and quality of life. It is located in the province of Biscay and works in collaboration with public institutions, as well as social and business entities.

Lantegi Batuak's new facilities in Getxo will also have an occupational service, due to the social action taken by the Provincial Council of Biscay and will take in hundred people with intellectual disabilities to alleviate the existing social demand in the division Uribe-Coast.

More specific, the center in Getxo will house activities related to document and electronics management, to wiring, packaging and logistics operations.

#### The challenge

The activities, which are to be carried out in the new facilities, include activities related to electronic equipment and wiring.

As these activities are sensitive to electrostatic charges, which could damage the devices being built in the facilities, Lantegi Batuak needs a floor that is able to dissipate charges to the ground.

Likewise, the antistatic performance of the floor must also be combined with safety requirements for the workers, most importantly with anti-slip properties.

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# Lantegi Batuak (Getxo)

## Antistatic flooring in electronics industry



Application of superconductive layer MasterTop P 687 W AS



MasterTop BC 370 AS and broadcasting of onductive aggregate

### Our solution

Among the different antistatic flooring systems within the Master Builders Solutions portfolio, we decided to apply one which provides the anti-slip finish required by the property.

The MasterTop 1270 AS-R system complies with the requirements of the standards *EN 61340-5-1 - Protection of electronic devices against electrostatic phenomena – General requirements and EN 61340-4-1 standardized test methods for specific applications – Electrical specific applications - Electrical resistance of installed floorings.*

Additionally, the final finish provides slip resistance class values Rd according to UNE-ENV 12633: 2 - 3.

### The customer's benefit

With the provided solution, the antistatic floor required by the customer was achieved paired with the anti-slip properties for fall prevention.

All this was achieved while providing an aesthetic finish which is easy to clean and maintain.

### Project facts at a glance

- Thickness of the applied system: between 2 and 2,5 mm.
- Durable and antistatic flooring:
  - Resistance to ground: 104 – 106 Ohm (EN1081)
  - Resistance Footwear/Person/Floor: Rg <106 Ohm (IEC 61340-4-5)
- Ease of cleaning and maintenance
- Anti-slip finish reducing the risk of falls. Slip resistance: Rd class.

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