

## MARISEAL® SYSTEM Pedestrian Deck Waterproofing

*The Polyurethane System to waterproof high traffic pedestrian walkways*

### POMPEU FABRA UNIVERSITAT Barcelona / Spain

The Campus of POMPEUS FABRA UNIVERSITY in Barcelona/Spain is a very modern and complex structure of halls connected via walkways and stairs, located on the ground or suspended in the air as bridges. These walkways are used by thousands of students, professors and staff of the University in an every day basis.

These pedestrian decks needed a durable, high impact- and abrasion resistant finish, which could also function as an hard-elastic and crack-bridging waterproofing layer.

The waterproofing layer should also offer a decorative aspect, according the wishes of the famous architect who designed this project.

**The solution for this application problem was offered by MARIS POLYMERS® in the form of the liquid-applied, polyurethane waterproofing system, MARISEAL® SYSTEM, finished with broadcasted decorative colored silica sand, the MARISEAL® DECOQUARTZ.**



The MARISEAL® products used for this project where:

PRODUCTS	Properties
MARISEAL® 710	One component, quick drying, premium polyurethane primer.
MARISEAL® 250 CE	Premium, liquid-applied, highly permanent elastic, cold applied and cold curing, one component polyurethane membrane used for long-lasting waterproofing. Certified by the German state Institute for construction techniques DIBt-Berlin with the European Technical Approval (ETA) and with the CE-mark and certification.
MARISEAL® DECOQUARTZ	Colored (EP coated), rounded silica sand of a corn-size of 0.7-1.2mm or 2-3.5mm.
MARITRANS®	Transparent, hard-elastic, UV-stable, weather-stable, cold applied and cold curing, one component aliphatic polyurethane coating used in this case to act as a sealer over the broadcasted MARISEAL DECOQUARTZ. Offers increased impact and abrasion resistance, UV stability and excellent chemical resistance.