



SIKA AT WORK

RUTIGLIANO LOGISTICS CENTER, ITALY

ITALY'S LARGEST MICROMORPH PV ROOF INSTALLATION WITH Sikasil® SG-20

BUILDING TRUST



RUTIGLIANO LOGISTICS CENTER, ITALY



PROJECT DESCRIPTION

A total of 25,674 micromorph PV modules have been mounted on several roof areas at a newly built logistics center south of the Italian city of Bari. Given that the standard mechanical clip fasteners are liable to induce high stresses in the glass, the contractor and module manufacturer looked around for an alternative fixing method and finally opted for an elastic yet structural bonding solution. Sikasil® SG-20 structural adhesive was used to bond the modules on site to anodized aluminium sections integrated in the roof assembly. During installation, pads of Sika® Tape FA-22 were placed at regular intervals to ensure that the necessary joint thickness was achieved and to protect against loads during the adhesive's curing. Thanks to comprehensive prior testing, meticulous preparation and close teamwork throughout the project, the "new" method of mounting the photovoltaic modules was successfully implemented. The total construction time of the PV system from the mounting of the sub-structure over the bonding of the modules up to connecting to the grid took only 45 days.

SIKA SOLUTION

Sikasil® SG-20
Sika® Tape FA-22

PROJECT PARTICIPANTS

| | |
|----------------------------|-----------------------------|
| Project name: | Rutigliano Logistics Center |
| Location: | Province of Bari, Italy |
| Design and implementation: | Kad3/Horus srl |
| Operating company: | Duferco Solar Puglia srl |
| Module supplier: | Pramac Swiss SA |
| Power output: | 3.115 MWp |
| Start of Operation: | December 2011 |

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Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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