



Pictures: David S. J. P.

SIKA AT WORK

SOLARFARMS PROJECT

“BAVARIAN FOREST”, GERMANY

BONDED PHOTOVOLTAIC FIELDS ON WOODEN TRACKING SYSTEM WITH Sikasil® SG-22 DS

BUILDING TRUST



SOLARFARMS PROJECT "BAVARIAN FOREST", GERMANY



PROJECT DESCRIPTION

Under this project, four different thin film photovoltaic fields were combined within the area of the Bavarian Forest, Germany. As photovoltaic systems are anyway thought to reduce the CO₂-emission, this idea has been brought to the sub-construction, as well. Therefore, a specially treated wood has been the material of choice for the tracking system to reduce the carbon footprint of the whole solution. This solution has been specially developed by DavidSolar®. To simplify and to secure the mounting of the modules to the wooden sub construction over decades, the Sika bonding solution has been chosen. The rigid thin film modules were manually bonded on the installation site with Sikasil® SG-22 DS and Sika® Spacer Tape HD as prefixation and distance provider. This unique project could only be realised with the constructive teamwork of all involved parties.

SIKA SOLUTIONS

Sikasil® SG-22 DS
Sika® Spacer Tape HD

PROJECT PARTICIPANTS

Project name:	"Bavarian Forest"
Location:	Bavarian Forest, Germany
Operating company:	BGZ Beteiligungsgesellschaft Zukunftsenergien AG
Design and construction:	DavidSolar®
Name of fields and power output:	Solarfarm Eging am See, 1.3 MWp Solarfarm Neureichenau, 0.9 MWp Solarfarm Schergendorf, 0.7 MWp Solarfarm Kinatöd, 0.4 MWp
Start of operation:	Spring 2008

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