



SIKA AT WORK

GOUDA WIND FARM

SOUTH AFRICA

GROUTING: SikaGrout®-295 ZA

BUILDING TRUST





PROJECT DESCRIPTION

Project name: Gouda Wind Farm
 Location: Western Cape, South Africa
 Construction year: 2014/15

SIKA CONTRIBUTING TO A CONCRETE FUTURE

Gouda Wind farm is the first Acciona wind farm installed by ACCIONA Energía in South Africa and will generate 423 GW/h per annum to power over 200,000 homes

PROJECT REQUIREMENT

The project consisted of forty-six 3 MW turbines mounted on concrete towers with a hub height of 100 meters. Joints between the precast elements needed to be sealed and filled with a pumpable cementitious engineering grout.

SIKA SOLUTIONS

Locally produced SikaGrout®-295 ZA was used to fill horizontal and vertical joints between the concrete segments with Sikadur®-31 CF to seal and finish the geometrical appearance of the cylindrical tower. The pore sealer Sika MonoTop®-620 was used to cover small imperfections in the concrete surface.

PROJECT PARTICIPANTS

Owners: ACCIONA Energy & Aveng
 Project Engineers: ACCIONA Energy
 Contractors: Grinaker / Martin and East / Adenco / Lowind
 Grout applicator: Derman Construction

AWARDS

2015 Winner of the Concrete Society of Southern Africa, Fulton Award for Innovation in Concrete
 2016 Special Mention in the Construction World Best Project Awards for Specialist Contractors & Suppliers

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



Sika Services AG
 Tueffenwies 16
 CH-8048 Zurich
 Switzerland

Contact
 Phone +41 58 436 40 40
 www.sika.ch

