



Sputnik Engineering AG

Riedel Recycling Morse (D)

Building Details

CONTACTS

	Name	Website (or e-mail)
Owner	Riedel Recycling GmbH	www.riedel-recycling.de
Architect	N/A	-
Energy Consultant	Solaxis GmbH	www.solaxis.de
PV Installer	Solardach GmbH	www.das-solardach.de

BUILDING

Completion year	Building	2008	PV Plant
Category	New	Renovation	Enlargement Other
Typology	Residential	Administration	Industrial Sport
	Agricultural	Urban	Historical Other

Description

In Moers (nearby Duisburg in Germany) Riedel Recycling, an industry of preparation and storage of building materials, has installed a record thin film PV plant on an old building previously used for coal processing: more than 11 thousand modules in Cadmium Telluride (CdTe), manufactured by american industry First Solar, with a peak capacity of 837 kWp, have allowed to this installation to become the widest in Germany adopting thin film on a pitched roof of 9.500 square meters.



Sputnik Engineering AG, Riedel Recycling GmbH

BiPV Details

LOCATION OF PLANT

Roof	Flat roof	Sloped	Curved
Façade	Cladding	Balcony	Greenhouse
Glass	Façade	Roof	Solar shading Canopy
Orientation	South	West	East North

ARCHITECTURAL EVALUATION

Color	anthracite
Transparency	opaque
Frame	frameless module (fastening system Schüco PV Light)
Acknowledgements	N/A

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	N/A	
	Module	CIS modules from First Solar	
Power	kWp	837	
Size	m²	9 500	
Energy production	kWh/year	750 000	