



Commercial Factory Roof **Signet Solar** (Germany)



Signet Solar completed the first large scale, large area, silicon thin film based rooftop solar installation, using its own Gen 5 modules on its factory.

Operator	Signet Solar
Energy company	EnviaM
Location	Mochau (near Dresden, Saxony, Germany)
Project started	September 2008
Completion time	10 weeks

Technical data

Rated system power	220 kWp
Annual energy yield	approx. 186,560 kWh
Annual CO ₂ -savings	approx. 173,900 kg*
No./type of modules	2,592 Signet Solar SI S4-80.A2 panels
Installation type	roof-mounted system
Tilt angle	10°
Mounting system	Sunovation Goldbeck Solar
Orientation	south-east

*German CO₂ offset calculation (0.932 tonnes of CO₂ avoided per MWh)

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