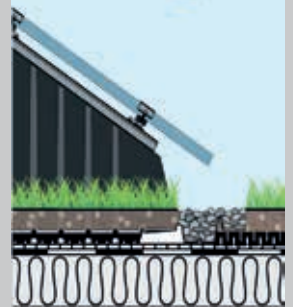


# Erich-Kästner-Schule - Langenfeld



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## System Solution



## Reference SGR 1

SGR 1-1

### PROJECT DATA

Year:	2010
Building Owner:	Langenfeld
Designers:	pslandschaft
Landscape designer:	pslandschaft
Roof area:	ca. 600 m <sup>2</sup>
Green roof type:	Solar Green Roof, 57 Sun Roots
Implementation:	Jacob Leonhards Söhne GmbH & Co.
Details at:	www.optigruen.com

### CHARACTERISTICS

- ✔ Cost efficient combination of green roofs and photovoltaics
- ✔ Load-bearing system
- ✔ Higher build-up of the photovoltaic modules in order to avoid shading
- ✔ Vegetation also beneath the modules
- ✔ Low maintenance requirement
- ✔ Tested in a wind tunnel



SGR 1-2



SGR 1-3



SGR 1-4