

# **Building Integrated Photovoltaics (BIPV)**

with combining monument preservation, at an example Motherhouse of the Congregation of the Sisters of the Redeemer



## The Challenge

Renovation and solar activation for energetic self-sufficiency of a historic monumentprotected Baroquestyle monastery.



#### **Our Solution**

Roof-integrated, modular solar roof tiles in a matching tile-red colour for a heritage-compliant, aesthetic and sustainable solution.



## Highlight

Model project for seamless combination of historic architecture preservation with modern, integrated photovoltaic system.







# Puristic, flat clay roof tile by the German manufacturer Jacobi-Walther with Autarq technology.

Download the data sheet for technical specifications, colours and finishes.



18.000 solar roof tiles 125.000 kWh annual energy yield (144 kWp PV-System)

1.400 m<sup>2</sup> of roof area covered

High safety and fire protection Safely operating at extra low voltage (SELV)

and very low currents



Read the detailed article by the Bavarian Chamber of Civil Engineers, featuring the model project here



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