Solar Silo is an example where the integration of coloured PV modules in the opaque parts of roof and facade building envelope is experimented. Customized photovoltaic modules of Antec Solar are used creating a particular visual design. The colour is obtained thanks to the patented technology Swiss Inso Kromatix. Custom-size coloured crystalline photovoltaic modules are used on facades (monocrystalline cells, glass/glass, frameless. Standard-size coloured crystalline PV modules on the roof (monocrystalline cells, glass/backsheet, black frame). Standard-size black monocrystalline PV modules are installed on the roof as reference for electricity production monitoring.
Institute of Applied Sustainability to the Built Environment (ISAAC)
Swiss BiPV Competence Centre
Campus Trevano CH-6952 Canobbio
www.bipv.ch

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Photovoltaic</th>
<th>Monocrystalline</th>
<th>Multicrystalline</th>
<th>Thin Film</th>
</tr>
</thead>
<tbody>
<tr>
<td>PV Module</td>
<td>Antec Module / Kromatix Solarglas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cells</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>kWp</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>m²</td>
<td>159</td>
<td></td>
</tr>
<tr>
<td>Energy production</td>
<td>kWh/year</td>
<td>16,400</td>
<td></td>
</tr>
</tbody>
</table>

**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**: Several (grey, blue, gold, green, etc.)
- **Transparency**: opaque
- **Frame**: Black (roof)

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BiPV Details