

## WALKABLE PV FLOOR RENOVATION

Located in the heart of ST. Helena, California, Corison Winery has always been known for its commitment to quality and the craftsmanship in the fabrication of their fine wines. Now, they will take lead in sustainability and design, by installing a photovoltaic glass in their roof that color-matches exactly the metal panel of the roof. It is a dark-green color that goes extremely well with its surrounding landscapes of Napa Valley.

Cathy Corison and William Martin, owners of Corison Winery, knew their roof was due for an update and wanted to go solar.

Onyx Solar custom-fabricated 148 photovoltaic glass panels with the colors of the original design are combining with the new energy efficient roof. Each glass measures 1.700 mm x 1000 mm and offers 226 Wp

The installation covers a total area of 250 m<sup>2</sup> (2.700 SqFt) and reaches a total nominal size of 21.4 kWp.

### TECHNICAL DATA

Nominal Power(Wp/m <sup>2</sup> )	132 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	0%
Solar Factor (g-value)	22%
U value (W/m <sup>2</sup> K)	N/A
U value (Btu/h ft <sup>2</sup> °F)	N/A
Light Reflection (external)	8%



**CORISON WINERY**

CALIFORNIA, UNITED STATES

PV ROOF

CRYSTALLINE SILICON TECHNOLOGY



"Our misión at corison winery is to produce world-class Cabernet Sauvignon eith integrity. With this intention, one of our founding principles is to minimize negative impacts on the enviroment"

Cathy Corison, Winemaker



TECHNICAL DATA SHEET

