

Example of Heat and Glare Control

CASE STUDY: Winery

Site:

Two Lads Winery,
Traverse City, MI

Product:

RS10 Grey Embossed
Installation and Sales by
Halcyon Shades.

Location:

Two Lads Winery
sits on top of a hill
overlooking Grand
Traverse Bay on
Mission Point, Traverse
City, MI

Halcyon Shades are radiant
barrier solar shades that:

- Block 80% of the heat
- Reduce 97% of the glare
- Eliminate 99% of the UV
- While keeping 100% of the
view & natural daylight



Problem

Two Lads Winery is a brand new, ultra-modern tasting room that takes full advantage of the spectacular view of the bay, but because it faces East, the solar gain in the mornings made the room virtually unusable in the peak summer wine tasting months. The building's air conditioner simply could not keep up with the sun. Even though the HVAC unit ran 24/7, the building's temperature did not fall below 80°F, which drove away customers, who were not only uncomfortably hot, but could not enjoy the view because of the enormous glare.

Solution

Halcyon Shades* installed three enormous shades (12' x 20') and several smaller ones using RS10 Gray/Silver Embossed film on a spring-assisted pull-chain roller system. Visitors at Two Lads Winery now take their time to soak up the natural beauty surrounding them in the comfort of the tasting room. The air conditioning system is no longer over-taxed as it consumes considerably less energy and runs within specs. This in turn has saved energy dollars and has expanded the life span of their HVAC unit considerably.

