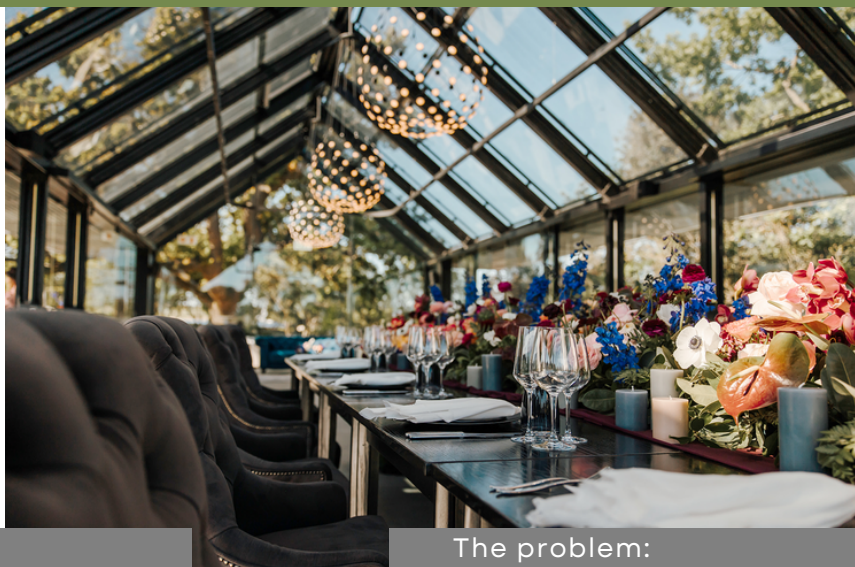


Case Study 3. Hazendal Wine Estate



HAZENDAL

ANNO 1699



Background:

Hazendal Wine Estate in Stellenbosch is one of South Africa's most famous wine producers and Premium Lifestyle Estates.

Their beautiful venue 'The Glasshouse', suffered from excessive heat and glare due to the all-glass construction.

The problem:

An internal aluminium louvre system inside the glass roof was both ineffective and blocked natural daylight and vision.

The Glasshouse has to be used for all-year-round; weddings parties, and business functions, therefore, a solution had to be found. The Estate's Project Managers, recommended that Microlouvre Koolshade® solar shading would significantly benefit their building with an integrated solution.

Results:

- Significant reduction in internal temperatures and air conditioning costs
- Perfect external vision and contact with the outside
- Light and easy to install and maintenance
- Long life, durable and sustainable
- 100% recyclable

KOOLSHADE®
The Ultimate In Passive Solar Shading





THE SOLUTION

Microlouvre Koolshade® K700-17, woven with miniature tiny paper-thin, angled copper louvres was quickly and unobtrusively installed with brackets attached directly to the glass using the 3m VHB tape system.

Direct-to-glass fixing is possible because MicroLouvre® is so light and windproof because its 87% open area provides negligible resistance.

We finished the new installation on 24th March 2021 during a peak solar heat gain period and immediately, significant reductions in temperature were experienced, such that air conditioning was not even needed at that time.

The client agreed that no other product could have given the same aesthetics and solar heat block together with natural ventilation, natural light, and perfect vision out.

