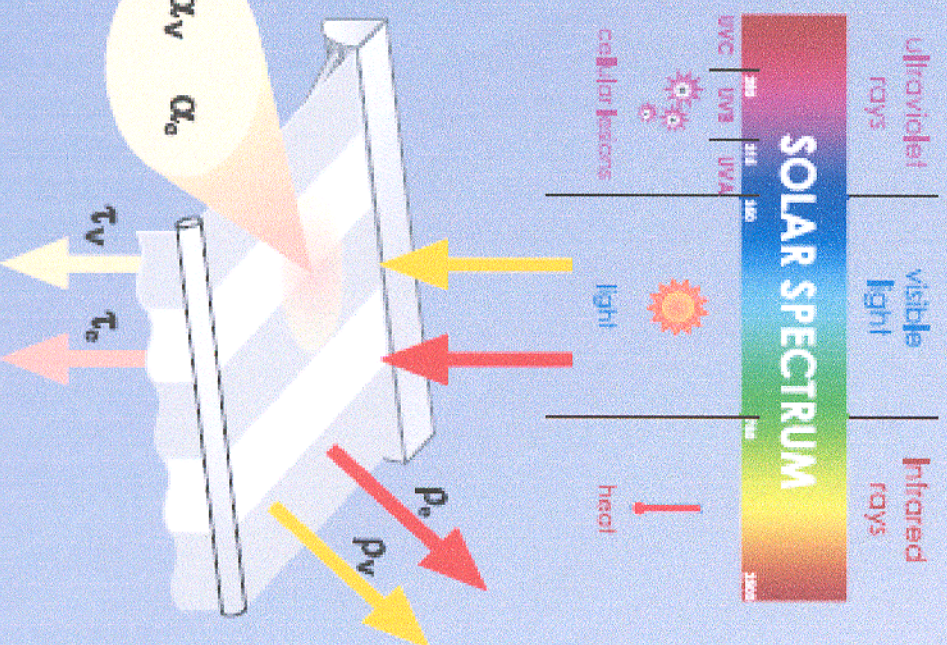


All the Tempotest awning fabrics were tested for absorption and reflection of UV rays, shading from visible light, and heat transfer of infra-red radiation. Tests were made at Milan University and tabulated. A chart of results makes selection easy for customers.



In this drawing are reported the transmission " τ " (Tau) and the reflection " ρ " (Rho) symbols. The index refers to values calculated through the bright spectrum (thermal) with index " v ", by isolating the component of the visible light with index " s " and, as visible absorption spectrum, index " α " (Alfa).

$$\tau \text{ (transmission)} + \rho \text{ (reflection)} + \alpha \text{ (absorption)} = 100$$



Values in the previous schedules revealing the percentage of the transmitted or reflected energy by the fabric, obtained by combining the transmission and reflection capacities of each fabric together with the composition of the spectral band of the solar radiation.

- τ_s Transmittance coefficient of the solar spectrum
- ρ_s Reflection coefficient of the solar spectrum
- α_s Absorption coefficient of the solar spectrum
- τ_v Transmittance coefficient of the visible spectrum
- ρ_v Reflection coefficient of the visible spectrum
- α_v Absorption coefficient of the visible spectrum