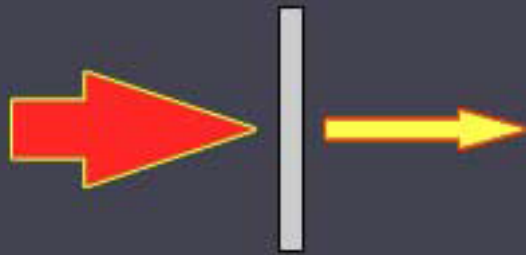


Solar Heat Gain

Solar heat gain is the increase in temperature in a building or object as a result of solar radiation. Solar heat gain increases within a building as the strength of the sunlight increases. Solar heat gain can provide free heat in the winter but can also lead to overheating in the summer.

Solar Shading

Sun shading is an important element when considering controlling solar heat gain. External shading is the most effect way of reducing the suns rays from reaching your doors and windows.



Benefits of Solar Shading:

- Reduce solar heat gain by cutting down the suns radiation entering the building.
- Greatly reduce the temperature within the building.
- Reduce air conditioning costs.
- Reduce the bleaching effect of UV rays which can damage carpets and furnishings.
- Diffusing bright light.

Types of Solar Shading:

- Pergola Awnings - Cubola awnings can be wall mounted over large glass openings providing shading and protection.
- Vertical roller screening - Solar screening which can be installed externally over window openings.
- Awnings.
- Sun Sails.
- Brise Soleil.