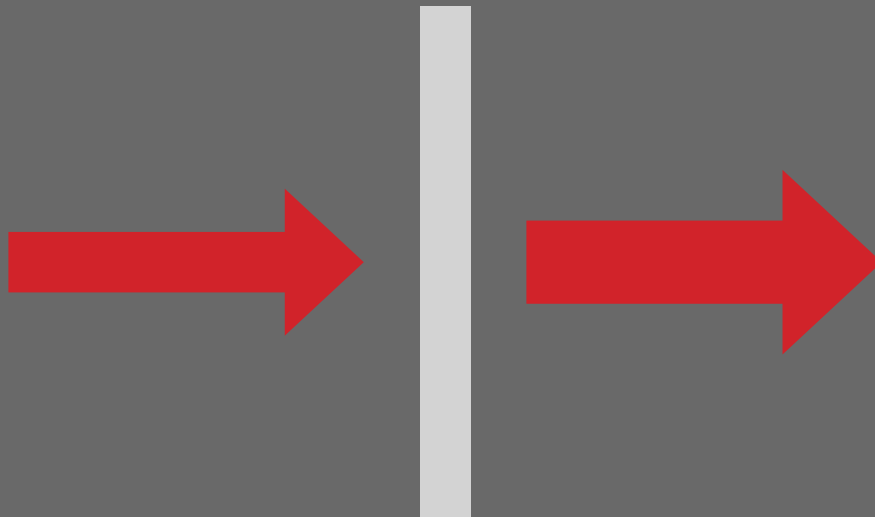


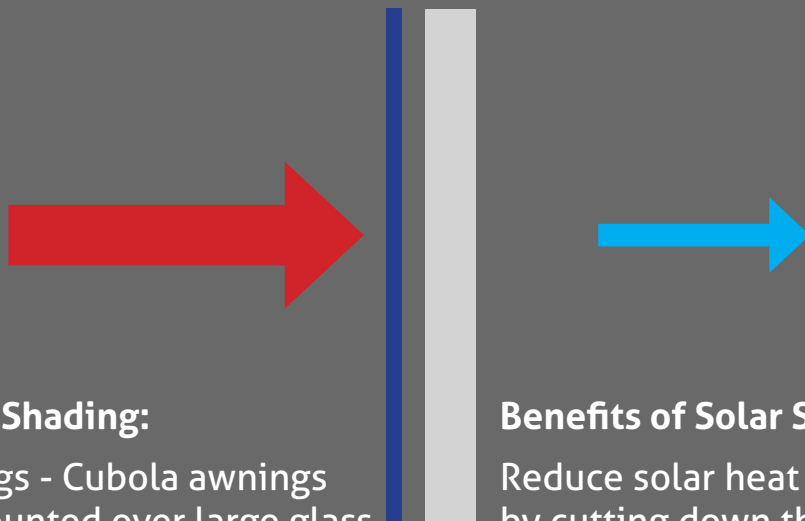
Solar Heat Gain

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.



Sun Shading

Sun shading is an important element when controlling solar heat gain. External shading is the most effective way of reducing the sun's rays from reaching your doors and windows.



Types of Solar Shading:

Pergola Awnings - Cubola awnings can be wall mounted over large glass openings providing shading and protection.

Vertical roller sun blinds - Solar screening which can be installed externally over window openings.

Awnings.

Sun Sails.

Brise Soleil.

Benefits of Solar Shading:

Reduce solar heat gain by over 70% by cutting down the sun's 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.

External blinds are easily automated.