

OKASOLAR - REFERENCES

Switzerland | Willisau | Sports Hall

**Project:**

Sports Hall

Location:

Willisau, Switzerland

Product:

OKASOLAR-W

Square metres:

540 m²

Special features:

Effective Solar protection

Architect:

Wener Soland, Eich | Marco und Roland Mozatti, Luzern

Completion:

2002

In Willisau, architects created an open, transparent gym which harmonises perfectly with the decent topography of the Swiss Alps. The façade on its North- Western side had been completely glazed in order to sufficiently illuminate the gym. There are specially formed and mirrored reflector profiles (Type Okasolar-W) in the interpane cavity. These profiles provide all means for an effective solar protection and reduce the

cooling burden. They are very translucent for diffused daylight and significantly reduce the energy consumption for artificial light.

Furthermore, there is no need for regular maintenance because the light dispersal does not require flexible elements. Thus, the integrated system is very cost- reducing in comparison to exterior- or interior sun protection systems – with the same thermal achievements and protective functions.



We take architectural glass a step ahead.