



 **OPALVARIO®**



skylight system comfort



OPALVARIO® skylight systems – effective sun and blind protection. It was developed especially as light regulation for workstations and because of their unique combination of sun protection and transparency these high-tech products are more and more frequently used in private homes.

This effect will be achieved by special films: it offers excellent sun protection values and view to the outside at the same time. Moreover the highly-reflective outer side of the film offers effective heat protection. A pleasant atmosphere of a sunprotected room is raising, which has positive effects on the health and well-being.

Our skylight systems are made of selected materials which grant tailor-made systems with high reliability, longevity and ease of operation. They are functional and free of maintenance and therefore meet high requirements due to the well-developed technique of our OPALVARIO® roller blind systems. The result is a variable and multi-usable technical sun protection.

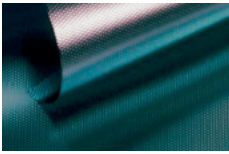
By permanent innovations in development, manufacturing and grafting of systems and films as well as a certification according to DIN EN ISO 9001, HAVERKAMP products set standards in view of quality, functionality and longevity.

The OPALVARIO® skylight system comfort meets especially-high physical requirements, which are made to sun protection in the roof area. Tailor-made and therefore absolutely suitable, the system can be used for each type of skylight, for example Velux, Roto or Fakro. Order is simplified by the posting of the roof type, installation is easy. View and function are in accord with each other due to cover plates and side guide rails.

We have a huge selection of different OPALFILM® roller blind and plisse films, which can be used as hanging. Different kinds of light transmission, tinting and surfaces of the films meet the individual requirements set creative trends.



Film embossing



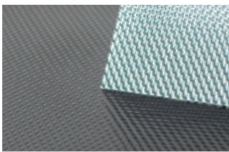
Diamant embossing



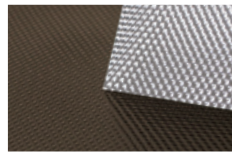
Diamant Stabila embossing

The pleats can be ordered in the colours silver/grey 2R and 10R (Diamant Stabila) as well as silver/grey 2R (Diamant Stabila) B1 and silver/bronze 10R (Diamant Stabila).

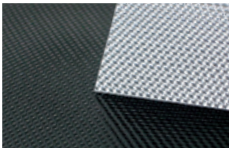
Film colours



silver/grey



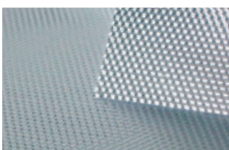
silver/bronze



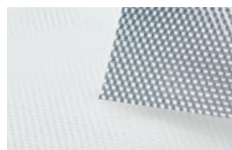
silver/black



grey/grey



silver/silver



silver/white

Film variants

- Outer side either metallised or tinted
- Extensive range of colours
- Visibility from inside to outside is preserved
- Self-tinting screens available as option

Perfect decoration and darkening

- For all types of window roofs: Velux, Roto, Fakro as well as special types
- Cassette and side guide rails can be produced in white (RAL 9016) or silver (eloxiert) without additional costs
- Easy opening and closing by direct operation with one or two operation sticks
- Side guide rails out of aluminium, in white or silver
- Exact positioning of the hanging is possible
- Perfect darkening
- Operation stick telescope with 150 – 300 cm, steplessly adjustable
- Size of pleats: 20 – 160 cm width, 20 – 160 cm height, maximum surface 2.56 m²
- Size of roller blind system: 40 – 120 cm width, 40 – 140 cm height, maximum surface 1.6 m²

