

Light ridge Rhenotop®. Lighting at its best.



Rhenotop®



ADVANTAGES

- Rhenotop is highly translucent
- Outstanding impact strength
- Surface finish (OV)
- Hail resistant
- Permanently transparent and dimensionally stable
- Self-supporting up to 2 m



Rhenotop for ridge lighting. Naturally self-supporting.



*The profiled light ridge **Rhenotop** is versatile in form and design.*

A precious resource: Rhenotop

Integrating **Rhenotop** into your hall structure is an exceptionally good idea. Because in doing so, you can tap an infinite source of light which, in addition, comes at no cost, i.e. the sun and natural daylight. From the top of the roof, the so called ridge, **Rhenotop** sheds light into the building. Structural design allowing, additional features such as ventilation are also feasible. Brightness and fresh air make spirits rise. Or you may want to install photovoltaic elements on the roof for extensive power generation. **Rhenotop** makes for a perfect match also in this case. The ridge structure is self-supporting combining low weight and expenses with outstanding stability.

Always on top with excellent qualities

All FDT light systems are made of one material. There are a lot of strong arguments for using rigid PVC. **Rhenotop** is both highly translucent and extremely impact resistant. This robustness is still enhanced by a special surface finish (OV).

First class surface

An absolutely transparent special coating is evenly applied to the rigid PVC material, making it resistant to environmental impacts such as UV-radiation, ozone and acid rain. This long-term durability of the material will keep **Rhenotop** transparent, dimensionally stable and weather-resistant. With a 10-year material warranty.

Rhenotop:
with special surface finish (OV).





**Either solar power
or sunlight?
Better both!**

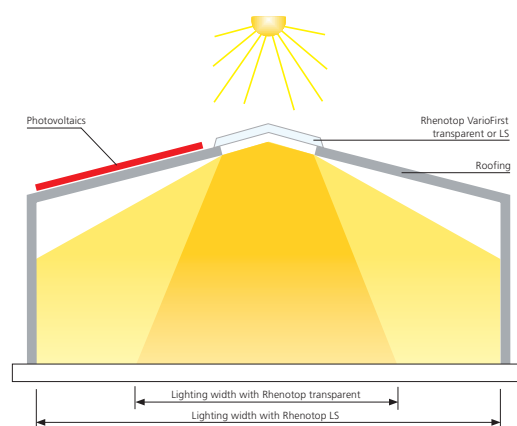
Rhenotop VarioFirst is a winner. It helps investors of PV projects to overcome a well-known dilemma. Optimal utilisation of the roof area usually means less daylight in the building. With **Rhenotop VarioFirst** you may generate solar power and let sunlight into your building at the same time. Installing the ridge lighting system is the highlight of any photovoltaics project.

**Indoor brightness for each
and everyone**

Installing **Rhenotop VarioFirst** makes sense wherever you want to let the sunshine in: factory buildings, riding stables or farm sheds. By combining sunlight and solar power you will achieve a positive energy balance for your building. A fresh and healthy climate inside will be provided for both humans and animals.

**Rhenotop VarioFirst in
LS quality**

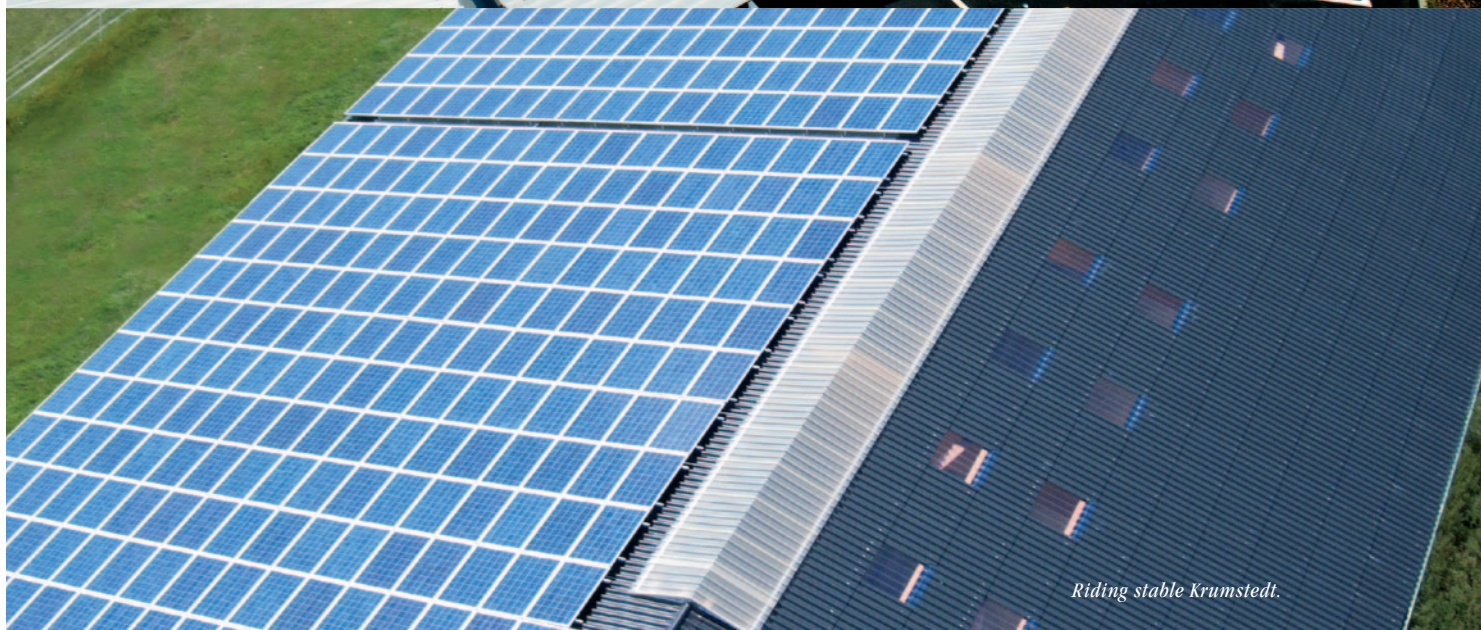
What holds good for the other FDT light systems, is, of course, also true for **Rhenotop**: the light ridge, along with the standard version "transparent", is also available in "LS". LS means "light dispersing", i.e. sunlight is dispersed as if through a thousand tiny lenses thus ensuring brightness in the most remote corners. The advantages are obvious: no dazzling effects, no cast shadows, and less development of heat in the building.



**The most efficient solution in combination
with a PV installation: Rhenotop VarioFirst.**

ADVANTAGES

- LS means optimal daylight efficiency – ensuring brightness in the most remote corners of the building
- LS means light dispersion as if through a thousand tiny lenses
- LS is an R&D product of FDT
- LS is unparalleled on the market
- LS avoids dazzling effects and cast shadows
- LS reduces development of heat inside
- All FDT light systems are available as LS



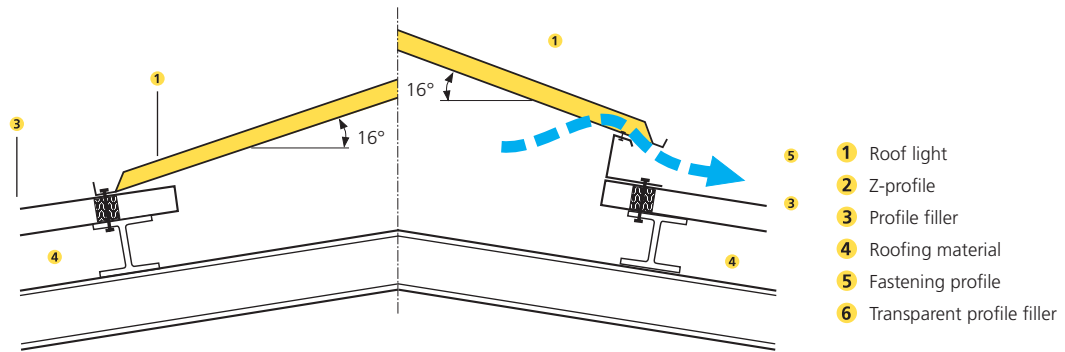
Rhenotop products are made for it

The special surface finish coating (OV) and the light dispersion are the two outstanding features of **Rhenotop**. However, besides the qualities mentioned above, the **Rhenotop light panels** and the **Rhenotop light ridge** also feature some other advantages.

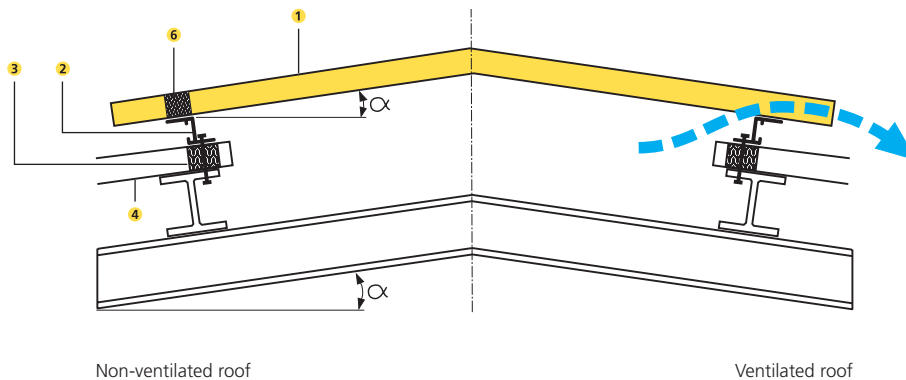
For example, the additional safety qualities of **Rhenotop**. In the case of fire rigid PVC will be hard to inflame. Therefore, **Rhenotop** is labelled "hardly inflammable B1 according to DIN 4102-1". Moreover, **Rhenotop** also features advantageous fire performance. The material does not burn on its own, it neither produces burning droplets nor propagates fire, and it will tear open at a temperature in excess of 100 °C facilitating smoke and heat ventilation.

How would you like your roof to be? With Rhenotop you can do it your way.

Rhenotop®



Rhenotop® VarioFirst



Highly constructive

Depending on the designed use of the building or the hall you can choose between two constructional designs for **Rhenotop**: the light ridge can be installed as non-ventilating, or as ventilating on the corrugation crests of the ridge. This design is particularly recommended if the intended use of the building requires only minor ventilation.

Its strength lies in its flexibility

In particular, **Rhenotop VarioFirst** offers designers considerable leeway for roof planning. The ridge adapts to the roof geometry, roof slopes up to 45° are feasible. The ridge lighting width can be designed as required and desired.



Rhenotop in practice:
bright, pleasant and safe – a car park roofing can be so beautiful.

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