

## ▶▶ Rhenotop® translucent roof ridge

### DATA SHEET



#### Rhenotop

The clear translucent roof ridge, made from rigid PVC, is lightweight, stable and self-supporting thanks to its profiled design. This means no additional substructure is required.

Rhenotop can be installed both as a **rainproof translucent ridge** and as a **lighting and ventilation ridge**.

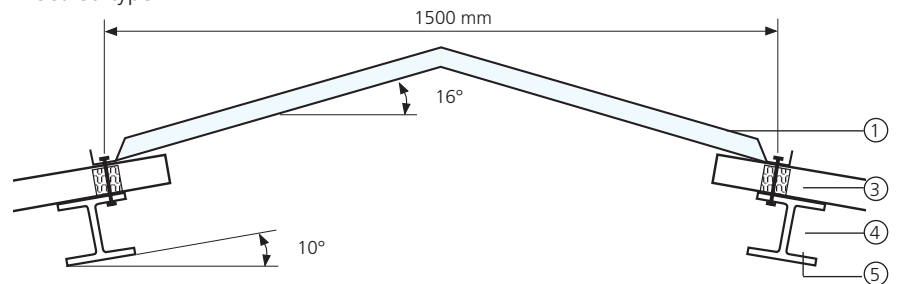
#### Range of application

The clear, or alternatively light-dispersing, roof lights have many different applications, e. g.

- industrial buildings
- indoor riding arenas and auxiliary buildings
- sport halls
- car park roofs
- container line roofs
- production and storage facilities for industry, farming or logistic companies etc.

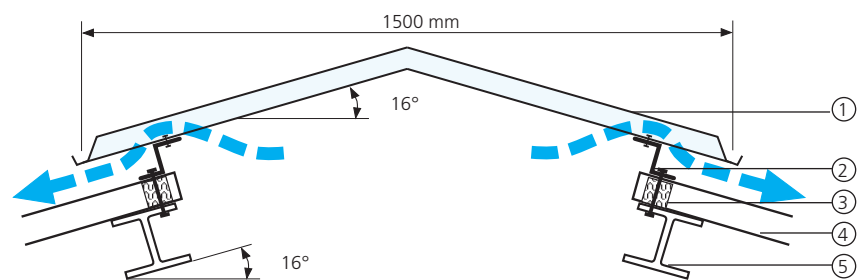
#### Rhenotop 1500

Sealed type



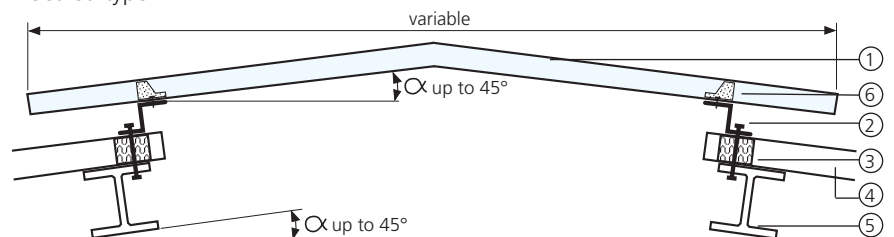
#### Rhenotop 1500

Ventilated type, ventilation cross-section approximately 280 cm<sup>2</sup>/m



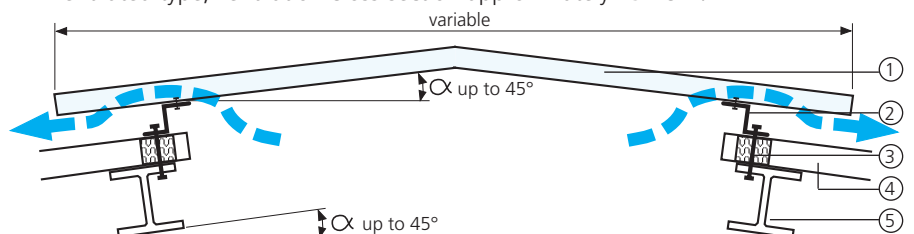
#### Rhenotop VarioFirst

Sealed type



#### Rhenotop VarioFirst

Ventilated type, ventilation cross-section approximately 234 cm<sup>2</sup>/m



- ① Rhenotop roof light
- ② Z-profile
- ③ Profile filler + serrated slat
- ④ Roofing material
- ⑤ Purlin
- ⑥ Profile

**Technology tailored to practical needs**

- stable, self-supporting ridge element
- variable width and roof pitch

- permanent high transparency, light transmission minim. 85%
- roof light with special surface coating
- hail resistant

- alternatively available as light-dispersing version (LS)
- hardly inflammable according to DIN 4102, class B 1
- no dripping of burning material

- non-corrosive and non-ageing
- usable as sealed or ventilated ridge
- quick and easy installation

	overall coverage length mm	actual coverage length mm	overall coverage width mm	actual width mm
<b>Rhenotop 1500</b>	2,310	2,520	1,500	1,535
<b>Rhenotop VarioFirst</b>	915	980	Depending on the building	Depending on the building
<b>Profile</b> for sealed type VarioFirst	915	1,830		
<b>Z-profile</b>	6,000	6,000		

**Installation information**

**Rhenotop 1500 Sealed type**

Fix the Rhenotop roof light along the perimeter channel to the purlin approx. every 300 mm (in front of every third low corrugation) with a suitable waterproof fixing<sup>1)</sup>. Allow an overlap of the Rhenotop roof light of at least two crowns and fix it through the overlap.

**Rhenotop 1500 Ventilated type**

Fix the Z-profile with a suitable waterproof fixing<sup>1)</sup> to the purlin. Then fix the Rhenotop roof light in every third low corrugation in the Z-profile. Allow an overlap of the Rhenotop roof light of at least two crowns and fix it through the overlap.

**Rhenotop VarioFirst**

Fix the Z-profile with a suitable waterproof fixing<sup>1)</sup> to the purlin. Then fix the Rhenotop roof light through every trough in to the Z-profile. For the closed option, insert the filler profile first. Allow an overlap of the Rhenotop roof light of one crown and fix it through the overlap.

<sup>1)</sup> Depending on the roofing material, it may be necessary to divert the resulting pressure loads over pressure-resistant profile fillers to the purlin.

**Maximum spacing of supports<sup>2)</sup> Rhenotop VarioFirst**

Roof pitch	maximum load	75 kg	100 kg	150 kg
Over 20°		2.10 m	1.95 m	1.70 m
16 - 20°		1.80 m	1.65 m	1.45 m
11 - 15°		1.50 m	1.40 m	1.20 m
8 - 10°		1.40 m	1.30 m	1.10 m
5 - 7.5°		1.30 m	1.20 m	1.00 m

<sup>2)</sup> The mentioned spacing of supports are valid for buildings in wind zone 1 and 2. For buildings in wind zone 3 and 4, tower style buildings and exposed locations please contact our Technical Support Service.

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