Rhenotop® translucent roof ridge

DATA SHEET

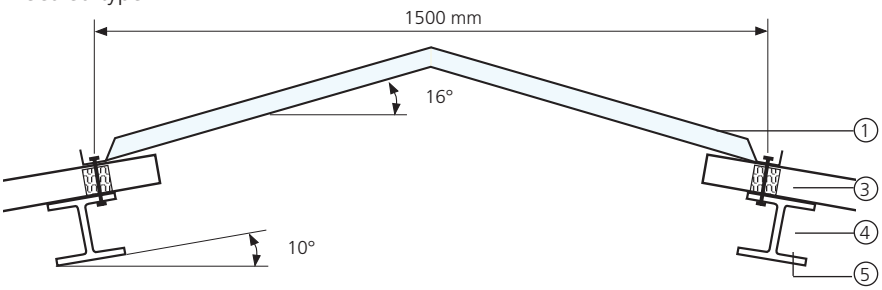
Rhenotop
The clear translucent roof ridge, made from rigid PVC, is lightweight, stable and self-supporting thanks to its profiled design. This means no additional substructure is required.
Rhenotop can be installed both as a **rainproof translucent ridge and as a lighting and ventilation ridge.**

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

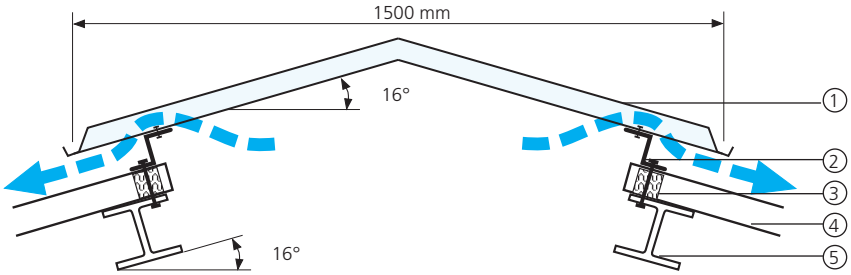
- industrial buildings
- indoor riding arenas and auxiliary buildings
- sport halls
- car park roofs
- container line roofs
- production and storage facilities for industry, farming or logistic companies etc.

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

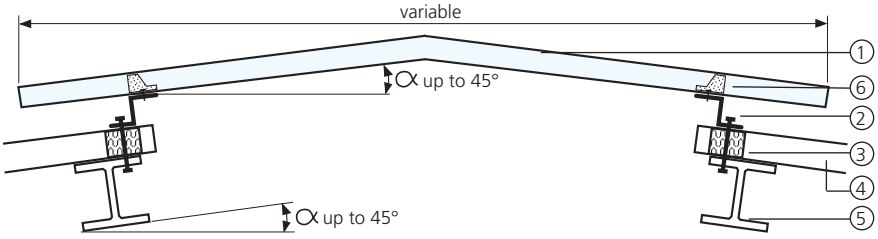
Rhenotop 1500
Sealed type



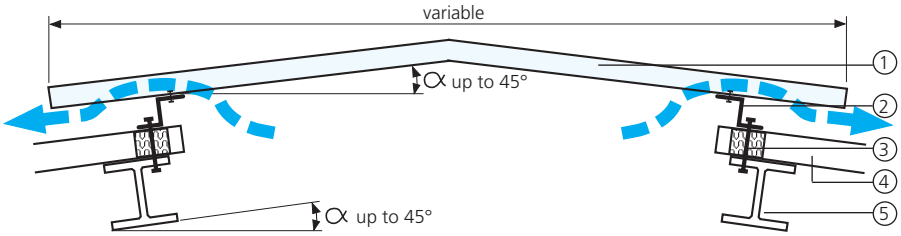
Rhenotop 1500
Ventilated type, ventilation cross-section approximately 280 cm²/m



Rhenotop VarioFirst
Sealed type



Rhenotop VarioFirst
Ventilated type, ventilation cross-section approximately 234 cm²/m



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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 suface 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
Rhenotop 1500	2,310	2,520	1,500	1,535
Rhenotop VarioFirst	915	980	Depending on the building	Depending on the building
Profile for sealed type VarioFirst	915	1,830		
Z-profile	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[1]. 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[1] 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[1] 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.

[1] 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[2] 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

[2] 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 buidings and exposed locations please contact our Technical Support Service.

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