

COX DOME



Ventria



Stylish ventilation window

The transparent natural ventilator, Ventria, is suitable for (fire) ventilation purposes, and is used in glass roof and wall construction in which aesthetic design plays a significant role.

Thanks to its stylish framework, minimal depth and variety of versions, the Ventria is suitable for a wide range of applications from factory roofs to aesthetically designed glass roof constructions.

With an adapted operating system, the Ventria is also suitable for use as a fire ventilator.

Your partner in Smoke and Heat Ventilation



Ventria

Versions

The Ventria is a hinged ventilation window that can be built into glass roof- and wall constructions.

The opening angle in relation to the base construction is variable to a maximum of 75°. The construction consists of hardened, sea water and corrosion resistant AlMg3. Extruded material is AlMgSi0.5. Every detail of the Ventria is designed aesthetically. The frame is sealed by means of EPDM rubbers.

Options

The Ventria can be supplied either untreated, anodised or polyester powder coated (ppc) in any RAL colour. The following frame options are available: single-walled aluminium, double-walled insulated aluminium, laminated glass, insulation glass, double- and triple-walled polycarbonate.

Design, dimensions, weight etc.

All rectangular forms are available with:

- a maximum height of 2700 mm
- a maximum width of 2000 mm
- a maximum surface area of 3,5 m²

Other dimensions are available on request.

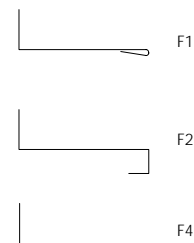
The weight depends on the dimensions and the panel insulation. The maximum weight of the panel insulation is 35 kg/m².

Operation

Compressed air, spindle electromotor or rotating spindle with crank handle. CO₂ operation.

The opening angle depends on the length at stroke of the selected operating system. In case of compressed air operating systems, Brakel fits a double-acting compressed air cylinder with interlocking in closed and open positions.

Flanges



Flange insulation optional

Cross sections

