

# SINTEF Product Certificate

## No. 3902

Issued: 17.12.2024

Valid until: 01.01.2030

Provided listed on

www.sintefcertification.no

SINTEF confirms that

### GENP/GNP VU EI 30 and GENP/GNP VU EI 60 (Air Transfer Grilles)

are tested according to EN 1364-5, and are classified according to

**EN 13501-2:2023**



#### Certificate holder

DOVISTA AS  
Bygholm Sjøpark 21D  
DK-8700 Horsens

#### Manufacturer

Svenska Fönster AB  
Snickarvägen 12  
828 30 Edsbyn  
Sweden

#### Factory production control

The manufacturing of the product is subject to factory production control (surveillance) in accordance with the provisions in EN ISO/IEC 17065.

#### Product description

The product is an air transfer grille (ATG) that are consisting of two main components i.e., a steel grille (ventilation element) and a wooden frame with aluminium cladding. The steel grille includes an intumescent component. This means that this component (material) will expand due to heat exposure, causing the ventilation element to seal (achieves "tight mode").

Frame profile dimensions (mm)	
Total frame depth including aluminium cladding	115
Wooden (pine) frame profile, cross section	105 x 50

A side-hinged cabinet door ("door leaf") is mounted on the inside of the ATG which makes it possible to open and close for ventilation in normal use.

#### Performance requirements in TEK

The product shall contribute to delaying or preventing spread of fire, as indicated by the given fire resistance classification.

The product can be installed in both masonry and concrete walls (rigid walls) and stud walls with board cladding (flexible walls), provided that the wall in question has the same fire resistance.

The product's fire resistance is shown in Appendix 1.

#### Other requirements

The product shall be marked with a metal or plastic plate, or a sticker made of plastic or metal foil, containing the following information:

- The name and registered address of the certificate holder, or an identification mark (e.g. brand image) allowing identification of the name and address of the holder of the certificate.
- Product name, type designation and traceable product identification, such as serial or order number.
- The product's fire resistance

The product may also be marked with SINTEF's certification mark, which also indicates the certificate number.



Anne-Jorunn Enstad  
Certification Manager

## Appendix 1 to SINTEF Product Certificate no. 3902

The product has been tested according to EN 1364-5:2017 and classified according to EN 13501-2:2023. Fire resistance and sizes of air transfer grilles (ATG) covered by the certificate are shown in Table 1.

Tabell 1

Product	Ventilation element (steel grille)	$W_{max}^1$ (mm)	$H_{max}^1$ (mm)	$A_{max}^1$ (m <sup>2</sup> )	Fire resistance
GENP/GNP VU EI 30	Maximum dimensions of ventilation element: <ul style="list-style-type: none"> <li>• Thickness, <math>t = 27</math> mm</li> <li>• Width, <math>b_v \leq 506</math> mm</li> <li>• Height, <math>h_v \leq 1506</math> mm</li> </ul>	578	1578	0,91	EI 30  u↔i
GENP/GNP VU EI 60	Maximum dimensions of ventilation element: <ul style="list-style-type: none"> <li>• Thickness, <math>t = 40</math> mm</li> <li>• Width, <math>b_v \leq 506</math> mm</li> <li>• Height, <math>h_v \leq 1506</math> mm</li> </ul>	578	1578	0,91	EI 60  u↔i

<sup>1</sup> Explanation of symbols, and references to notes in the table:

- $W_{max}$ : maximum external frame width
- $H_{max}$ : maximum external frame height
- $A_{max}$  is the maximum allowed area calculated as the product of the actual external frame dimensions ( $W \times H$ ) as given by the reference test reports. (Note that the frame profile itself – i.e. cross section – can be increased, and if so, the maximum element dimensions may be marginal beyond  $A_{max}$ )
- u↔i = The given fire resistance applies in both directions

In addition to what is stated in the table above, the following applies to both versions of the ATG:

- Height and width can be reduced.
- The thickness of the ventilation element (steel grille) shall be as stated in the table.
- Shall be installed in a vertical wall/facade so that the bottom frame of the ATG is within a height of between 0.5 m and 1.11 m above the floor level.
- Can be installed in walls made of masonry and concrete (rigid walls) or in walls built with studs and plasterboard cladding (i.e. flexible wall constructions, plasterboard type F)

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