



Harmonised Product Standard

EN 14351-1:2006 +A2:2016

Declaration of Performance

Type of construction product:
Facade windows and Casement doors

**VELFAC Ribo Wood
triple-glazed**

DOP no.:

W-EV-V-20240701

The performance of the Facade windows and Casement doors in the product line VELFAC Ribo Wood; triple-glazed are in conformity with the declared in the following pages.

This Declaration of Performance is issued under the sole responsibility of DOVISTA A/S.
System of assessment and verification of constancy of performance of the construction product:
(AVCP) System 3

Intended use:
For domestic and commercial buildings

Manufacturer:

DOVISTA A/S

Bygholm Søpark 21D, 8700 Horsens, Denmark

Notified Bodies (Test institute):

NB 1235 - DANISH TECHNOLOGICAL INSTITUTE
NB 0402 - RISE RESEARCH INSTITUTES OF SWEDEN

Windows and Doors containing Electrical and Electronic Equipment are in conformity with RoHS (Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment) as amended by Directive 2015/863/EU.

Date:

27 juni 2024

Signed on behalf of DOVISTA A/S

Allan Lindhard Jørgensen
CEO, DOVISTA A/S

Horsens

Declaration of Performance VELFAC Ribo Wood; triple-glazed

| | | 4.2 | 4.5 | 4.6 | 4.8 | 4.11 | 4.12 | 4.13 | 4.14 |
|-------------------------|-------------------------|-------------------------|-----------------|-------------------------|---|---------------------------|-------------------------|-------------------------|------------------|
| Opening function | | Resistance to windload | Water tightness | Dangerous substances | Load bearing capacity of safety devices | Acoustic performance | * Thermal transmittance | * Radiation properties | Air permeability |
| CDO | Casement door, 1-leaf | | | | | | | | |
| Declared value | NPD | NPD | None | (350N/60s), optional | NPD | 0,78 (W/m2K) | g 0,53 / LT 0,74 | NPD | |
| Classification standard | - | - | - | - | - | - | - | - | |
| Test standard | - | - | - | EN 14609:2003 | - | EN ISO 10077-2: 2003/2012 | - | - | |
| Notified body | - | - | - | NB 1235 | - | NB 1235 | - | - | |
| Test report | - | - | - | DTI/202289-02/2024-Feb. | - | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | - | |
| Tested size (mm), WxH | - | - | - | 1200 x 2400 | - | 1230 x 1480 | - | - | |
| FC | Fixed casement | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | ** | 0,78 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) | |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 | |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | - | SS-EN ISO 10140-1:2021/2:2021 | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 | |
| Notified body | NB 1235 | NB 1235 | - | - | NB 0402 | NB 1235 | - | NB 1235 | |
| Test report | DTI/244213-8/2024-Jun. | DTI/244213-8/2024-Jun. | - | - | O100282-1259373 | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/244213-8/2024-Jun. | |
| Tested size (mm), WxH | 1300 x 1600 | 1300 x 1600 | - | - | 1230 x 1480 | 1230 x 1480 | - | 1300 x 1600 | |
| FL | Fixed light | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 0,70 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) | |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 | |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | - | - | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 | |
| Notified body | NB 1235 | NB 1235 | - | - | - | NB 1235 | - | NB 1235 | |
| Test report | DTI/202289-22/2024-Feb. | DTI/202289-22/2024-Feb. | - | - | - | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/202289-22/2024-Feb. | |
| Tested size (mm), WxH | 2500 x 2000 | 2500 x 2000 | - | - | - | 1230 x 1480 | - | 2500 x 2000 | |

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance VELFAC Ribo Wood; triple-glazed

| Opening function | 4.2 | 4.5 | 4.6 | 4.8 | 4.11 | 4.12 | 4.13 | 4.14 |
|--|------------------------|------------------------|----------------------|---|-------------------------------|---------------------------|------------------------|------------------------|
| | Resistance to windload | Water tightness | Dangerous substances | Load bearing capacity of safety devices | Acoustic performance | * Thermal transmittance | * Radiation properties | Air permeability |
| SGO Side-guided window | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | (350N/60s), optional | ** | 0,78 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | EN 14609:2003 | SS-EN ISO 10140-1:2021/2:2021 | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 |
| Notified body | NB 1235 | NB 1235 | - | NB 1235 | NB 0402 | NB 1235 | - | NB 1235 |
| Test report | DTI/244210-1/2024-Apr. | DTI/244210-1/2024-Apr. | - | DTI/202289-20/2024-Feb. | O100282-1259373 | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/244210-1/2024-Apr. |
| Tested size (mm), WxH | 1000 x 1600 | 1000 x 1600 | - | 1300 x 1600 | 1230 x 1480 | 1230 x 1480 | - | 1000 x 1600 |
| SHO Sidehung window | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | (350N/60s), optional | ** | 0,78 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | EN 14609:2003 | SS-EN ISO 10140-1:2021/2:2021 | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 |
| Notified body | NB 1235 | NB 1235 | - | NB 1235 | NB 0402 | NB 1235 | - | NB 1235 |
| Test report | DTI/244210-2/2024-Apr. | DTI/244210-2/2024-Apr. | - | DTI/202289-20/2024-Feb. | O100282-1259373 | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/244210-2/2024-Apr. |
| Tested size (mm), WxH | 950 x 1800 | 950 x 1800 | - | 1300 x 1600 | 1230 x 1480 | 1230 x 1480 | - | 950 x 1800 |
| SHRO Sidehung fully reversible window | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | (350N/60s), optional | ** | 0,78 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | EN 14609:2003 | SS-EN ISO 10140-1:2021/2:2021 | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 |
| Notified body | NB 1235 | NB 1235 | - | NB 1235 | NB 0402 | NB 1235 | - | NB 1235 |
| Test report | DTI/244213-8/2024-Jun. | DTI/244213-8/2024-Jun. | - | DTI/202289-20/2024-Feb. | O100282-1259373 | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/244213-8/2024-Jun. |
| Tested size (mm), WxH | 1300 x 1600 | 1300 x 1600 | - | 1300 x 1600 | 1230 x 1480 | 1230 x 1480 | - | 1300 x 1600 |

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance VELFAC Ribo Wood; triple-glazed

| Opening function | 4.2 | 4.5 | 4.6 | 4.8 | 4.11 | 4.12 | 4.13 | 4.14 |
|---|------------------------|------------------------|----------------------|---|-------------------------------|---------------------------|------------------------|------------------------|
| | Resistance to windload | Water tightness | Dangerous substances | Load bearing capacity of safety devices | Acoustic performance | * Thermal transmittance | * Radiation properties | Air permeability |
| TGO Top-guided window | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | (350N/60s), optional | ** | 0,78 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | EN 14609:2003 | SS-EN ISO 10140-1:2021/2:2021 | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 |
| Notified body | NB 1235 | NB 1235 | - | NB 1235 | NB 0402 | NB 1235 | - | NB 1235 |
| Test report | DTI/244213-6/2024-Jun. | DTI/244213-6/2024-Jun. | - | DTI/202289-08/2024-Feb. | O100282-1259373 | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/244213-6/2024-Jun. |
| Tested size (mm), WxH | 1800 x 1400 | 1800 x 1400 | - | 1430 x 1600 | 1230 x 1480 | 1230 x 1480 | - | 1800 x 1400 |
| THRO Tophung reversible window | | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | (350N/60s), optional | ** | 0,78 (W/m2K) | g 0,53 / LT 0,74 | Class 4 (±600 Pa) |
| Classification standard | EN 12210:2016 | EN 12208:2016 | - | - | - | - | - | EN 12207:2016 |
| Test standard | EN 12211:2016 | EN 1027:2016 | - | EN 14609:2003 | SS-EN ISO 10140-1:2021/2:2021 | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 |
| Notified body | NB 1235 | NB 1235 | - | NB 1235 | NB 0402 | NB 1235 | - | NB 1235 |
| Test report | DTI/244213-7/2024-Jun. | DTI/244213-7/2024-Jun. | - | DTI/202289-08/2024-Feb. | O100282-1259373 | 0108/679872V, 2016-01-15 | 0108/679872V, 2016 | DTI/244213-7/2024-Jun. |
| Tested size (mm), WxH | 1360 x 1400 | 1360 x 1400 | - | 1430 x 1600 | 1230 x 1480 | 1230 x 1480 | - | 1360 x 1400 |

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

** Declared values

| Glass | Fixed Light | Opening window | Casement door | Door | Sliding door |
|---|-------------|----------------|---------------|------|--------------|
| 4-20-4-20-4 Energy/Clear/Energy WE w. Argon | - | 33 (-1;-5) | - | - | - |
| 6-18-4-16-8,8 Energy/Clear/Laminated SOUND Energy WE w. Argon | - | 42 (-2;-6) | - | - | - |
| 8,8-14-6-14-9,5 Energy/Clear/Laminated Energy WE w. Argon | - | 45 (-1;-4) | - | - | - |