



Harmonised Product Standard

EN 14351-1:2006 +A2:2016

Declaration of Performance

Type of construction product:
Entrance doors and Patio doors

**Rationel FORMA
double-glazed**

DOP no.:

D-EM-20240701

The performance of the Entrance doors and Patio doors in the product line Rationel FORMA; double-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

Horsens

Signed on behalf of DOVISTA A/S



Allan Lindhard Jørgensen
CEO, DOVISTA A/S

Declaration of Performance Rational FORMA; double-glazed

| | 4.2 Resistance to windload | 4.5 Water tightness | 4.6 Dangerous substances | 4.8 Load bearing capacity of safety devices | 4.11 Acoustic performance | 4.12 * Thermal transmittance | 4.13 * Radiation properties | 4.14 Air permeability |
|-------------------------|--|------------------------|-----------------------------|--|------------------------------|---------------------------------|--------------------------------|--------------------------|
| Opening function | | | | | | | | |
| EDFI | Flush door, inward opening, 1-leaf | | | | | | | |
| Declared value | NPD | NPD | None | N/A | NPD | 0,61 (W/m2K) | - | NPD |
| Classification standard | - | - | - | - | - | - | - | - |
| Test standard | - | - | - | - | - | EN ISO 10077-2: 2003/2012 | - | - |
| Notified body | - | - | - | - | - | NB 1235 | - | - |
| Test report | - | - | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | - |
| Tested size (mm), WxH | - | - | - | - | - | 1230 x 2180 | - | - |
| EDFI-2 | Flush door, inward opening, 2-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 0,61 (W/m2K) | - | 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/244213-4/2024-Jun. | DTI/244213-4/2024-Jun. | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244213-4/2024-Jun. |
| Tested size (mm), WxH | 1880 x 2185 | 1880 x 2185 | - | - | - | 1230 x 2180 | - | 1880 x 2185 |
| EDFO | Flush door, outward opening, 1-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 0,59 (W/m2K) | - | 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/244211-1/2024-May | DTI/244211-1/2024-May | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244211-1/2024-May |
| Tested size (mm), WxH | 1200 x 2400 | 1200 x 2400 | - | - | - | 1230 x 2180 | - | 1200 x 2400 |

*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 Rationel FORMA; double-glazed

| | 4.2 Resistance to windload | 4.5 Water tightness | 4.6 Dangerous substances | 4.8 Load bearing capacity of safety devices | 4.11 Acoustic performance | 4.12 * Thermal transmittance | 4.13 * Radiation properties | 4.14 Air permeability |
|--------------------------------|---|-------------------------|-----------------------------|--|------------------------------|---------------------------------|--------------------------------|--------------------------|
| Opening function | | | | | | | | |
| EDFO-2 | Flush door, outward opening, 2-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | NPD | None | N/A | NPD | 0,59 (W/m2K) | - | Class 4 (±600 Pa) |
| Classification standard | EN 12210:2016 | - | - | - | - | - | - | EN 12207:2016 |
| Test standard | EN 12211:2016 | - | - | - | - | EN ISO 10077-2: 2003/2012 | - | EN 1026:2016 |
| Notified body | NB 1235 | - | - | - | - | NB 1235 | - | NB 1235 |
| Test report | DTI/244213-2/2024-Jun. | - | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244213-2/2024-Jun. |
| Tested size (mm), WxH | 2337 x 2398 | - | - | - | - | 1230 x 2180 | - | 2337 x 2398 |
| EDI | Glazed entrance door, inward opening, 1-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 1,28 (W/m2K) | g 0,64 / LT 0,82 | 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/202289-21/2024-Feb. | DTI/202289-21/2024-Feb. | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/202289-21/2024-Feb. |
| Tested size (mm), WxH | 950 x 2185 | 950 x 2185 | - | - | - | 1230 x 2180 | - | 950 x 2185 |
| EDI-2 | Glazed entrance door, inward opening, 2-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 8A (450 Pa) | None | N/A | NPD | 1,28 (W/m2K) | g 0,64 / LT 0,82 | 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/244211-5/2024-May | DTI/244211-5/2024-May | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244211-5/2024-May |
| Tested size (mm), WxH | 1880 x 2185 | 1880 x 2185 | - | - | - | 1230 x 2180 | - | 1880 x 2185 |

*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 Rationel FORMA; double-glazed

| | 4.2 Resistance to windload | 4.5 Water tightness | 4.6 Dangerous substances | 4.8 Load bearing capacity of safety devices | 4.11 Acoustic performance | 4.12 * Thermal transmittance | 4.13 * Radiation properties | 4.14 Air permeability |
|--------------------------------|--|-------------------------|-----------------------------|--|------------------------------|---------------------------------|--------------------------------|--------------------------|
| Opening function | | | | | | | | |
| EDO | Glazed entrance door, outward opening, 1-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 1,26 (W/m2K) | g 0,64 / LT 0,82 | 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/202289-19/2024-Feb. | DTI/202289-19/2024-Feb. | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/202289-19/2024-Feb. |
| Tested size (mm), WxH | 950 x 2185 | 950 x 2185 | - | - | - | 1230 x 2180 | - | 950 x 2185 |
| EDO-2 | Glazed entrance door, outward opening, 2-leaf | | | | | | | |
| Declared value | Class B4 (1600 Pa) | Class 7A (300 Pa) | None | N/A | NPD | 1,26 (W/m2K) | g 0,64 / LT 0,82 | 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/244213-3/2024-Jun. | DTI/244213-3/2024-Jun. | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244213-3/2024-Jun. |
| Tested size (mm), WxH | 1880 x 2185 | 1880 x 2185 | - | - | - | 1230 x 2180 | - | 1880 x 2185 |
| PDI | Patio door, inward opening, 1-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 1,28 (W/m2K) | g 0,64 / LT 0,82 | 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/244211-7/2024-May | DTI/244211-7/2024-May | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244211-7/2024-May |
| Tested size (mm), WxH | 950 x 2185 | 950 x 2185 | - | - | - | 1230 x 2180 | - | 950 x 2185 |

*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 Rationel FORMA; double-glazed

| | 4.2 Resistance to windload | 4.5 Water tightness | 4.6 Dangerous substances | 4.8 Load bearing capacity of safety devices | 4.11 Acoustic performance | 4.12 * Thermal transmittance | 4.13 * Radiation properties | 4.14 Air permeability |
|--------------------------------|--|------------------------|-----------------------------|--|------------------------------|---------------------------------|--------------------------------|--------------------------|
| Opening function | | | | | | | | |
| PDI-2 | Patio door, inward opening, 2-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 8A (450 Pa) | None | N/A | NPD | 1,28 (W/m2K) | g 0,64 / LT 0,82 | 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/244211-5/2024-May | DTI/244211-5/2024-May | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244211-5/2024-May |
| Tested size (mm), WxH | 1880 x 2185 | 1880 x 2185 | - | - | - | 1230 x 2180 | - | 1880 x 2185 |
| PDO | Patio door, outward opening, 1-leaf | | | | | | | |
| Declared value | Class C4 (1600 Pa) | Class 9A (600 Pa) | None | N/A | NPD | 1,26 (W/m2K) | g 0,64 / LT 0,82 | 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/244213-1/2024-Jun. | DTI/244213-1/2024-Jun. | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244213-1/2024-Jun. |
| Tested size (mm), WxH | 1200 x 2400 | 1200 x 2400 | - | - | - | 1230 x 2180 | - | 1200 x 2400 |
| PDO-2 | Patio door, outward opening, 2-leaf | | | | | | | |
| Declared value | Class B4 (1600 Pa) | Class 7A (300 Pa) | None | N/A | NPD | 1,26 (W/m2K) | g 0,64 / LT 0,82 | 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/244211-4/2024-May | DTI/244211-4/2024-May | - | - | - | 0108/678451R, 2016-01-08 | 0108/678451R, 2016 | DTI/244211-4/2024-May |
| Tested size (mm), WxH | 2337 x 2400 | 2337 x 2400 | - | - | - | 1230 x 2180 | - | 2337 x 2400 |

*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.

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