



## DECLARATION OF PERFORMANCE

DoP-no. 931/CPR/2020-11-25

1. Unique identification code of the product type:

Windows

2. Identification of the construction product:

NATION IC 28

3. Intended use of the construction product:

Domestic and commercial locations in Iceland

4. Name and contact address of the manufacturer:

IdealCombi A/S,

Noerre Allé 51, 7760 Hurup Thy

Denmark

Phone no. +45 96 88 25 00

Fax no. +45 97 95 14 09

E-mail : info@idealcombi.dk

5. Name and contact address of authorised representative:

n/a

6. Systems of assessment and verification of constancy of performance of the construction product (AVCP):

System 3

7. Harmonised standard and notified body/bodies:

EN 14351-1:2006 + A2:2016

Windows and doors – Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets

Danish Technological Institute, NB-no. 1235

has performed

Test of air permeability

Test of watertightness

Test of resistance to wind load

Test of load-bearing capacity of safety devices

Calculation of thermal transmittance

according to system

System 3, type testing and type calculation

and issued:

Test report no. 0301/631571-TV1 – Test of air permeability

Test report no. 0301/659733-2 – Test of air permeability

Test report no. 0301/631571-TV1 – Test of watertightness

Test report no. 0301/659733-2 – Test of watertightness

Test report no. 0301/631571-TV1 – Test of resistance to wind load

Test report no. 0301/659733-2 – Test of resistance to wind load

Test report no. 0301/631571-TV2 – test of load-bearing capacity of safety devices

Test report no. 0108/640522 – calculation of thermal transmittance

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Resistance to wind load	C3	EN 14351-1:2006 + A2:2016
Watertightness - Non-shielded(A)	E1500	
Dangerous substances	None	
Load-bearing capacity of safety devices (reversible window)	Pass	
Acoustic performance	npd	
Thermal transmittance	Single casement window with std. glazing $U_w = 1,32 \text{ W/m}^2\text{K}$ (1230x1480 mm) Fixed light with std. glazing $U_w = 1,30 \text{ W/m}^2\text{K}$ (1230x1480 mm)	
Radiation properties – Solar factor	$g = 0,73$	
Radiation properties – Light transmittance	$\tau_v = 0,80$	
Air permeability	4	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Technical Director Mikael Søgaard

Hurup, 2020-11-25

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