



INSTITUTE FOR TESTING AND CERTIFICATION, a.s.
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Division CSI – Centre of Civil Engineering



i s s u e s

CERTIFICATE

Of the characteristic
No. 21 096 CV

Applicant: Deceuninck Germany, GmbH, Bayerwaldstraße 18, 94327 Bogen, Germany

Product: The frame profiles of Elegant Grando 84 PVC Tilt and Turn window

Manufacturer: Deceuninck nv, Bruggesteeweg 360, 8830 Hooglede-Gits, Belgium

Product specification:

Frame and sash	Frame: P7318 (LP184/C) / frame reinforcement: P17041 (NAU184) 1,5 mm thick; sash: P7356 (ZP184/C) / sash reinforcement: P17041 (NAU184) 1,5 mm thick
Other profiles	glazing bead P15347 (GSF48)
Insulating panel	Sandwich panel 48,5 mm thick and composition: 1,5 mm PVC – 45,5 mm thermal insulation XPS – 1,5 mm PVC
Sealing	Inner: 16998 (DEA84), outer: 16990 (DEV1), central: 3297 (MD184), outer glazing gasket: 16997 (DEV184); all sealing profiles are welded in the corners; inner glazing gasket: 15757 (DG21), gasket is cut at the corners
Hardware	All-Peripheral Hardware Siegenia, 9 point closure, 2 tilt and turn hinges, controlling by handle

Product characteristic:

Title of tested parameter	Testing method	Results
Thermal transmittance U_f	ČSN EN 12412-2:2004	0,93 W/(m ² .K)

This certificate confirms the result of the test of the characteristic of the tested specimen of the above product:

The U_f result complies with ČSN 73 0540-2:2011 for the recommended thermal transmittance:
 $U_f = 0,93 \leq U_{rec,20} = 1,3 \text{ W/(m}^2\text{.K)}$

Documents: Test report No. 371/21, ATL No. 1007.1, ITC – CSI Division from 2021-11-30

The certificate is only valid for the tested specimen of the product, the specification of which is detailed in the above mentioned test report, and confirms only the stated test results. This certificate does not replace the obligation of the manufacturer to carry out a conformity assessment in accordance with the applicable regulations governing the marketing of construction products in the country of intended use of the product.

Prepared by: Ing. Nizar Al-Hajjar
Issued in Zlín, dated: 30.11.2021
Valid until: 29.11.2024



Ing. Vlastimil Kučera, Ph.D.
Director of division CSI