



CENTRUM STAVEBNÍHO INŽENÝRSTVÍ a.s.
(Building Engineering Centre, joint-stock company)
Workplace in Zlín, K Cihelně 304, 764 32 Zlín - Louky

issues to

Applicant: DRUTEX S.A
Ul. Leborska 31, 77-100 Bytów, Poland

CERTIFICATE

Of the product characteristic

No. CV – 12 – 690/Z

Product: PVC window, IGLO ENERGY system

Manufacturer: See Applicant

Description:

Frame and sash	Frame 70001, reinforcement 229030; sash 70011, reinforcement: 250025
Other profiles	glazing bead 70948 with extruded gasket
Glazing	insulating triple glass unit 48 mm: 4 mm coating glass TMP / 18 mm stainless steel spacer/Swisspacer, argon / 4 mm float clear glass / 18 mm spacer, argon / 4 mm coating glass TMP; declared value $U_g = 0,5 \text{ W/(m}^2 \cdot \text{K)}$
Sealing	outer gasket: U-001; inner gasket: U-002; outer glazing gasket: U-001; central gasket: U-007
Hardware	All-Peripheral hardware MACO MULTI-MATIC, 9-point closure, safety-catch, 2x hung and tilt hinges, handle

Result:

Title of tested parameter	Testing method	Result
Thermal transmittance U_w - with stainless steel spacer - with Swisspacer "V"	ČSN EN ISO 12567-1	0,83 W/(m ² ·K) 0,79 W/(m ² ·K)

This Certificate proves the conformity of above given product properties with the required standard values:

The first result fulfils the standard ČSN 73 0540, part 2 for recommended thermal transmittance:
 $U_{\text{rec},20} \leq 1,2 \text{ W/(m}^2 \cdot \text{K)}$

The second result fulfils the standard ČSN 73 0540, part 2 for recommended thermal transmittance for passive buildings:
 $U_{\text{pass},20} \leq (0,80 - 0,60) \text{ W/(m}^2 \cdot \text{K)}$

Background documents: Test report No. 261/12. CSI, a.s. Zlín, AO 212

This Certificate applies only for a product which its specification is given in the test report in detail. It certifies only above given properties and neither implies nor substitutes certification in accordance with the Law No. 22/1997 Coll. on technical requirements for products.

Issue date: 18.10.2012
Valid till: 18.10.2014
Elaborated by: Ing. Nizar Al-Hajjar



RNDr. Josef Vrána, CSc.
Workplace head