

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



issues to

Applicant: Alois Bouchal, ALBO - Stolařství
 751 22 Osek nad Bečvou 95

CERTIFICATE

No. CV - 08 - 0817/Z

Product: EURO ALBO STRONG 3+ IV-92 single-light wood window

Manufacturer: See Applicant

Description:

Frame and sash design consisted of three-layer joining on baulk – spruce, 92/80; wood glazing bar, sill drip type ISAR 25; outer and inner transparent silicon glass sealing; inner SP 125 and central joint gasket S6645 – DEVENTER, banded and inserted into groove, continuous cutting out in the corners; glazing – insulating triple glazing: Planitherm Ultra N 4 mm/ stainless steel spacer - Chromatech 16 mm, Argon / Float 4 mm/ stainless steel spacer - Chromatech 16 mm, Argon / Planitherm Ultra N 4 mm; glazing mounted on dilatation tape supported by PVC plates; einoxal sash sill drip mounted on the exterior; all-periphery fittings ROTO NT, seven-point closure window catch, two opening and tilting hinges with microventilation.

Title of tested parameter	Testing method	Result
Thermal transmittance U_w	ČSN EN ISO 12567-1	0,79 W/(m ² .K)
Inside surface temperature θ_{si}	ČSN 73 0546	$\theta_{si} = 10,4^\circ\text{C}$; $\theta_{sp} = 21^\circ\text{C}$; $\theta_e = -15^\circ\text{C}$

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

Fulfills the standard ČSN 73 0540, part 2
 - for maximum recommended thermal transmittance $U_{N(w)} \leq 1,2 \text{ W/(m}^2\cdot\text{K)}$
 - for required value of the inside surface minimum temperature factor $f_{rsi,N}$:
 $f_{rsi,N} = 0,705 \geq f_{rsi,N} = 0,700$ pro $\theta_{sp} = 21^\circ\text{C}$, $\theta_e = -15^\circ\text{C}$ a $\phi_i = 50\%$

Background documents: Test report No. 160/05. 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.



RNDr. Josef Vrána, CSc.
 head of workplace

(Handwritten signature)

Issue date: 9.6.2008
 Valid till: 9.6.2010
 Elaborated by: Ing. Nizar Al-Hajjar