



**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 - 0816/Z

**Product:** EURO ALBO IV-68 lift sliding wall

**Manufacturer:** See Applicant

**Description:**

Frame and sash design consisted of three-layer joining on baulk – spruce of thickness 68 mm; others profiles: wood glazing bar, ROTO threshold, central bar with sealing; joint sealing: ROTO all-periphery double sealing; glazing – insulating double glazing: Planilux 4 mm/ stainless steel spacer - Chromatech 16 mm, Argon / Planitherm Ultra N 4 mm; glazing mounted on dilatation tape supported by PVC plates ; outer and inner transparent silicon glass sealing; decompression and drainage one hole (9,5x4,5) mm on each sash corner, frame drainage 2 holes of (9,5 x 4,5) mm size in the inlet and outlet; all-periphery fittings ROTO NT, controlled by three-position handle, sliding right sash, ROTO NT microventilation.

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

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

Fulfils the standard ČSN 73 0540, part 2

- for maximum recommended thermal transmittance  $U_{N(w)} \leq 1,2 \text{ W/(m}^2\text{.K)}$

- for required value of the inside surface minimum temperature factor  $f_{Rsi,N}$ :


$$f_{Rsi} = 0,705 \geq f_{Rsi,N} = 0,700 \text{ pro } \theta_{sp} = 21 \text{ }^\circ\text{C}, \theta_e = -15 \text{ }^\circ\text{C a } \phi_i = 50 \%$$

**Background documents:** Test report No. 159/05. 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.*

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



  
RNDr. Josef Vrána, CSc.  
head of workplace