



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 - 0863/Z

Product: EURO IV-78 single-light wood window with insulating triple glazing

Manufacturer: See Applicant

Description:

Frame and sash design consisted of three-layer joining on baulk – spruce, 78/80; wood glazing bar, outer and inner transparent silicon glass sealing; inner and central joint gasket DEVENTER 125, bended and inserted into groove, continuous cutting out in the corners; glazing – insulating triple glazing: Planitherm Ultra N 4 mm, normal emisivity $\varepsilon = 0,03$ / stainless steel spacer 12 mm, Argon / Float 4 mm/ stainless steel spacer 12 mm, Argon / Planitherm Ultra N 4 mm, normal emisivity $\varepsilon = 0,03$; sill drip MAIN, all-periphery fittings ROTO NT, Germany, five-point closure window catch, two OS hinges with microventilation.

Title of tested parameter	Testing method	Result
Thermal transmittance U_w	ČSN EN ISO 12567-1	1,0 W/(m ² .K)
Inside surface temperature θ_{si}	ČSN 73 0546	$\theta_{si} = 13,8 \text{ }^\circ\text{C}$; $\theta_{sp} = 21 \text{ }^\circ\text{C}$, $\theta_e = -15 \text{ }^\circ\text{C}$

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 $f_{Rsi,N}$:
 $f_{Rsi} = 0,800 \geq f_{Rsi,N} = 0,700$ pro $\theta_{sp} = 21 \text{ }^\circ\text{C}$, $\theta_e = -15 \text{ }^\circ\text{C}$ a $\varphi_i = 50 \%$

Background documents: Test report No. 303/05. 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