



# SCIENTIFIC RESEARCH CONSTRUCTION INSTITUTE - NISI - EOOD NOTIFIED TESTING LABORATORY

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Bulgaria, Sofia, 1618, 86 Nikola Petkov Blvr, phone: (02) 85610 82; fax: (02) 955 96 38, e-mail: [nislsona@3bv.bg](mailto:nislsona@3bv.bg)

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## REPORT FROM INITIAL PRODUCT TYPE TESTING

No ITT-11.12 / 14.02.2011

Test was committed in correspondence with the requirements of Part Two of Ordinance for Essential Requirements to Constructions and Evaluation Construction Products conformity (OERCEPC), which introduces Construction products Directive (CPD) S9/106/EEC of European Union Council.

Product name: Window made of PVC five cells profile system ETEM;  
series Q72

Manufacturer and Assigner: Quantum Profiles AD  
Sofia, 119A Ilentsi Blvrd.

Production Place: Quantum Profiles AD  
Sofia, 119A Ilentsi Blvrd.

Assignment document: Contract № 2 / 2011

Conformity Evaluation system: System "3" according to Annex ZA of BS EN 14351-1

**Essential requirements:** 3 - hygiene, health and environment preservation;  
4 - safety operation;  
5 - sound protection;  
6 - energy and heat saving (energy efficiency).

Test Sample: One window with overall dimensions 1750/2550 mm. Detail information for test results is given in Annex 1.

Date (period) for test performing: from 03.01.2011 until 20.01.2011

Result: Presented sample of window, made of PVC five cells profile, system "ETEM", series "Q72" meet the requirements of Class 5 A for water impermeability, class C2 for resistance to wind load, Class 4 for load protection devices bearing capacity, class 4 relative air - permeability of junctions, established weight index of air noise isolation  $R_{\tau}$  (C, C<sub>w</sub>)= 33 (-1; -4) dB and heat transition coefficient  $U = 0.74 \text{ W} / (\text{m} \cdot \text{K})$ .

Testing Laboratory Manager: /signature, stamp/  
(n.s.eng.Ts.Gyurova)

NISI manager: /signature, stamp/  
(s.n.s.d.eng. R.Guglev)