

**INSTITUTE OF CERAMICS AND BUILDING MATERIALS
DIVISION OF GLASS AND BUILDING MATERIALS IN CRACOW
DEPARTMENT OF GLASS TECHNOLOGY**

30-702 Kraków, ul. Lipowa 3

Phone : (+48 12) 257 12 00

Phone : (+48 12) 423 67 77 fax (+48 12) 423 58 36

www.osimb.pl

e-mail: info@isic.krakow.pl

TESTING CERTIFICATE No. BW/1496/10

Subject of testing ***Insulating glass units single chamber construction 4SGG Planilux/16/4SGG Planitherm Ultra Neutral with Argon delivered by DRUTEX S.A.***

Principal orderer ***DRUTEX S.A.
ul. Lęborska 31, 77- 100 Bytów***

Type of testing ***Determination of thermal transmittance coefficient "U" according to the standard PN-EN 673; 1999 "Glass in building. Determination of thermal transmittance (U value). Calculation method".***

Judgement ***Thermal transmittance „U“ insulating glass units construction 4SGG Planilux/16/4SGG Planitherm Ultra Neutral with Argon in interglass space amount to $U=1,1 \text{ W}/(\text{m}^2 \cdot \text{K})$.***

The basic of judgement: Test Report No. 017.FW.10.b.AK dated 9.03.2010

Responsible person
for the test

**KIEROWNIK
Zakładu Technologii Szkła**

mgr inż. Sebastian Sacha

Z-CA DYREKTORA ODDZIAŁU

dr inż. Paweł Pichniarczyk

Director

Cracow, date **9.03.2010.**

This certificate is valid to: 9.03.2012