

IKATES, s.r.o. – Laboratory for glass and building products testing



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TEST REPORT

No. : 248A / 2014

Test item :

Polyisobutylene – ERPASAN BU 2000 BUTYL

- moisture penetration rate according to ČSN EN 1279-4

Client (address):

Erpasan Kalıp Plastik Kimya İnş. Nak. San. Tic. Ltd. Şti.
Pirireis Mah. Barbaros Cad. Darıca Sanayi Sitesi
A Blok No: 1-2-3-4-5, Darıca-Kocaeli, Turkey

Producer (address):

Erpasan Kalıp Plastik Kimya İnş. Nak. San. Tic. Ltd. Şti.
Pirireis Mah. Barbaros Cad. Darıca Sanayi Sitesi
A Blok No: 1-2-3-4-5, Darıca-Kocaeli, Turkey

Place of test performance : testing laboratory IKATES, s.r.o., Teplice

Date of sample receiving : 2014-10-03

Date of test performance : 2014-10-18 to 2014-10-27

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Manager of testing laboratory :

Jiří Stránský



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Normative foundations :

ČSN EN 1279-4 (2003): Glass in building – Insulating glass units – Part 4: Methods of test for the physical attributes of edge seals

Sampling :

To the testing of moisture transmission rate were supplied 4 pcs. of membranes with diameter 180 mm manufactured from polyisobutylene – ERPASAN BU 2000 BUTYL.

Metrological provision of tests :

Determination of moisture transmission rate was performed using of climate chamber CTS and balances Owlabor and Kern.

Test results :

Moisture transmission rate (ČSN EN 1279-4, 5.2)

specimen	MVTR ($\text{g H}_2\text{O.m}^{-2} \cdot (24 \text{ h})^{-1} \cdot (2 \text{ mm})^{-1}$)
membrane No.1	< 0,1
membrane No.2	< 0,1
membrane No.3	< 0,1
membrane No.4	< 0,1

Note: membrane thickness 2,0 mm; desiccant 2 % r.h.; environment > 95 % r.h.

Statement : Test results, given in this report, apply only to the tested items and do not replace other documents, e.g. administrative characters, issued from other bodies, according to particular regulations. The official version in in the Czech language.

Distribution list :

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Jiří Stránský

