



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.

třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic

Testing Laboratory

Testing laboratory * Calibration laboratory * Product certification body * Quality management systems certification body
Inspection body * Authorized body * Notified body

Number of pages: 2

Page : 1 ref. No. 412502400/01a

TEST REPORT

ref. No. 412502400/01a

Client: TechnoNICOL-Construction Systems, LLC
VAT: 7702521529

Address: Gilyarovskogo str. 47, page 5, 129110, Moscow, Russia

Sample: Parobarrier SA 500
(Technoelast VB 500 Self, Vaporstop CA 500)

Sample received on: 2015-09-16

Report elaborated by: Ing. Radim Mikač

Place and date of issue: Zlín, 2016-09-12



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Ing. Jiří Samsonek, Ph.D.
Head of Testing Laboratory

*Note: The results given in this Test Report apply only to the sample tested by our laboratory!
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Description and identification of samples:

Table No. I - Sample description and identification

ITC's identification number	Sample identification by client	Description of submitted sample
2400/S/1	Parobarrier SA 500 (Technoelast VB 500 Self, Vaporstop CA 500)	Foil with aluminium and bitumen layer

Sampling method:

The samples were supplied to the laboratory by the client. The laboratory is not responsible for mistakes caused by the wrong way of sampling.

Specification:

Determination of water vapour transmission properties

Testing method used:

Determination of water vapour transmission properties according to EN 1931

Conditions test:

3 circular test specimens + 1 circular test specimens prepared across the width of foil, used method of testing – A, tested from 2016-08-02 to 2016-09-06

Place of performance test:

The tests were carried out in the workplace no. 5, třída Tomáše Bati 5264, areal Svit, building No.113., 760 01 Zlín


Test result:

The test results are given in the following tables:

Table No. II – Parobarrier SA 500 (Technoelast VB 500 Self, Vaporstop CA 500) – ref.No.2400/S/1

Characteristics measured	Unit	Separate values	Test results	Uncertainty ¹⁾
Density of moisture flow rate g	kg/(m ² .s)	3.16x10 ⁻¹⁰ ; 3.16x10 ⁻¹⁰ ; 4.21x10 ⁻¹⁰	3.51x10 ⁻¹⁰	0.70x10 ⁻¹⁰
Moisture resistance factor μ	-	2672000; 2672000; 2006000	2450000	445000
Water vapour diffusion-equivalent air layer thickness S_d	m	1336; 1336; 1003	1225	223

¹⁾ expanded uncertainty for coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95%


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Ing. Jiří Růžička
Head of Building Products
and Materials Testing Laboratory

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