INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.
třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic
Testing Laboratory

TEST REPORT
ref. No. 412502400/02a

Client:	TechnoNICOL-Construction Systems, LLC VAT: 7702521529
Address:	Gilyarovskogo str. 47, page 5, 129110, Moscow, Russia
Sample:	Parobarrier SF 1000
Sample received on:	2015-09-16
Report elaborated by:	Ing. Radim Mikač
Place and date of issue:	Zlín, 2016-09-12

ZKUŠEBNÍ LABORATOŘ * Institut pro testování a certifikaci, a.s. *

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

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/2	Parobarrier SF 1000	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. III – Parobarrier SF 1000– ref.No.2400/S/2

Characteristics measured	Unit	Separate values	Test results	Uncertainty[1)]
Density of moisture flow rate **g**	kg/(m^2.s)	2.32×10^{-10}; 3.37×10^{-10}; 2.74×10^{-10}	2.81×10^{-10}	0.62×10^{-10}
Moisture resistance factor **μ**	-	18236000; 12538000; 15430000	15400000	330000
Water vapour diffusion-equivalent air layer thickness **S_d**	m	1824; 1254; 1543	1540	330

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

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