

1618 Sofia, 36 N. Petkov Blvd.
Tel. 856 10 82, fax: 9 55 96 38

TEST PROTOCOL

No. 474-3-218/27.09.2004

ACCREDITED CONSTRUCTION TESTING CENTRE (CTC)

With NISI EOOD

Construction Chemistry and Insulations LABORATORY

Certificate No. 117-03/28.03.2001 by the National Construction Control Directorate, valid until 31 December 2005.

Name of product: NIL-EK 1 flooring, not forming sparks, antistatic, inflammable

Producer: Sole trader, ET Evgenii Roussev, city of Sofia

Applicant: ET Evgenii Roussev, city of Sofia

131 Pirotska St.

Application for trial of 3 May 2004.

Testing methods:

Company standard (CS), NIL-EK 1 2004, flooring, not forming sparks, antistatic, inflammable

The presented sample has been tested, according to indicators, pointed out by the applicant.

Date of receiving the sample at CTC: 3 May 2004.

Quantity of tested samples:

6-kg sample, taken and presented by the applicant.

Date (period) of conducting the trial:

From 17 May 2004 to 19 July 2004.

CTC Director: (signed illegibly)

Research associate eng. P. Gyurova

(round seal inscribed in Bulgarian in circumference "Research Construction Institute" "Sofia" and in centre "NISI" "CTC")

The results of the tests refer only to the tested samples. Excerpts of the Test Protocol may not be circulated without the written consent of CTC, NISI EOOD.

RESULTS OF THE TRIAL

No.	Indicator	Measurement unit	Testing Method	Result of the test/indefiniteness	Value of indicator, according to CS NIL-EK 1-2004	Conditions of test	Deviations from the testing method
1	2	3	4	5	6	7	8
1 1.1	Dry solution Bulk density	g/cm ³	CS NIL-EK 1-2004	1.6 ± 0.1	≥ 1.5	CS NIL-EK 1-2004	None
2 2.1	Hardened solution Tensile adhesion to concrete	N/mm ²	CS NIL-EK 1-2004	0.40 ± 0.01	≥ 0.3	CS NIL-EK 1-2004	None
2.2	Tensile strength upon bending	N/mm ²	CS NIL-EK 1-2004	3.1 ± 0.1	≥ 2.0	CS NIL-EK 1-2004	None
2.3	Compressive strength	N/mm ²	CS NIL-EK 1-2004	4.9 ± 0.1	≥ 3.5	CS NIL-EK 1-2004	None
2.4	Abrasion	g/cm ²	CS NIL-EK 1-2004	0.97 + 0.01	1.5	CS NIL-EK 1-2004	None
2.5	Water absorption	% of mass	CS NIL-EK 1-2004	15.1 ± 0.4	≤ 20	CS NIL-EK 1-2004	None

Note: The indicators under item 2 of the table in the protocol have been tested in dry mixture/water ratio of 100/29 by mass.

HEAD OF CONSTRUCTION CHEMISTRY AND INSULATIONS LAB:
(signed illegibly)
(research associate eng. V. Vassileva)

CTC DIRECTOR:
(signed illegibly)
(research associate eng. P. Gyurova)

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Trial conducted by:
Research associate eng. M. Dobrova