



BUILDING RESEARCH INSTITUTE (NISI) Ltd.

NOTIFIED TEST LABORATORY

Identification number NB 2032 of the Register of EC

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TEST REPORT INITIAL TYPE TESTING

ITT-10.5 / 28.06.2010

The tests are carried out in compliance with the Chapter Two of the Bulgarian *Regulation for the Essential Requirements to Constructions and Conformity Assessment of Construction Products (RERCCACP)* that bring into force the *Construction Products Directive (CPD) 89/106/EEC* of the Council of European Communities .

Product: Adhesive for ceramic tiles SIPROKOL

Producer: KARBON D.O.O
Topola, bul. V.Karadorda 126, Serbia

Applicant: KARBON D.O.O
Topola, bul. V.Karadorda 126, Serbia

Document for assignment: Contract No 21/2010

Essential requirements: 4 – safety in use

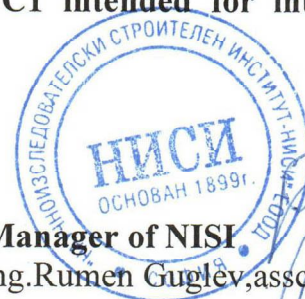
Test samples: The test sample weighs 5 kg and it has been taken by the Applicant from the production line in February 2010

Test period: From 15.04.2010 to 21.06.2010

Conclusion: The submitted sample of adhesive for ceramic tiles SIPROKOL meets the requirements of EN 12004:2007 for cementitious adhesive Type C1 intended for internal and external floor or wall finishes

Head of Test Laboratory
Res. Ass. Eng. Tzyetana Guorova

General Manager of NISI
Dr.Eng.Rumen Guglev, assc.prof.



The Test Report consists of 2 pages. Copies of the Test Report can be made with written consent of the NISI Ltd.

Testing data:

No	Characteristic	Unit of measurement	Test method	Test result	Requirement according to EN 12004 (Type C1)
1.	Initial tensile adhesion strength	N/mm ²	EN 1348 clause 8.2	1,0 Mode of failure 60 % AF-S 40 % CF-A	≥ 0,5
2.	Durability				
2.1	Tensile adhesion strength after water immersion	N/mm ²	EN 1348 clause 8.3	1,4 Mode of failure 100 % CF-A	≥ 0,5
2.2	Tensile adhesion strength after heat ageing	N/mm ²	EN 1348 clause 8.4	0,6 Mode of failure 70 % AF-S 30 % CF-A	≥ 0,5
2.3	Tensile adhesion strength after freeze – thaw cycles	N/mm ²	EN 1348 clause 8.5	1,2 Mode of failure 100 % CF-A	≥ 0,5
3.	Open time: tensile adhesion strength after not less than 20 min	N/mm ²	EN 1346	0,5 Mode of failure 60 % AF-S 40 % CF-A	≥ 0,5

NOTES:

The adhesive has been prepared by mixing the dry mix and water in following proportion by weight 100 : 23.


The designation of the mode of failure is according to the Annex A of EN 12004:2007.

Technical documentation:

EN 12004:2007 Adhesives for tiles – Requirements, evaluation of conformity, classification and designation

EN 1348:2007 Adhesives for tiles – Determination of tensile adhesion strength for cementitious adhesives

EN 1346:2007 Adhesives for tiles – Determination of open time

Tests are carried out by 
 Res. Ass. Eng. Mery Dobрева

Head of Test Laboratory 
 Res. Ass. Eng. Tzvetana Guorova

