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BUILDING TESTING CENTER at  
Building Research Institute (NISI) Ltd  
Laboratory BUILDING CHEMISTRY and ISOLATIONS

## TEST REPORT

### No 365-3-125/28.06.2010

**Product:**

Cementitious self leveling compound RAZILIT

**Producer:** KARBON D.O.O – Serbia

**Applicant:** KARBON D.O.O

126 V.Karadorda blvd, Topola, Serbia

Application form from 20.04.2010

Test sample is taken and provided by the Applicant

**Test methods:**

EN 13892-2 Methods of test for screed materials - Part 2: Determination of flexural and compressive strength

EN 13892-8 Methods of test for screed materials - Part 8: Determination of bond strength

EN 13892-3 Methods of test for screed materials - Part 3: Determination of wear resistance - Bohme

EN 1062-3 Paints and varnishes - Coating materials and coating systems for exterior masonry and concrete - Part 3: Determination of liquid water permeability

EN 12706 Adhesives - Test methods for hydraulic setting floor smoothing and/or levelling compounds - Determination of flow characteristics

EN ISO 6272-2 Paints and varnishes - Rapid-deformation (impact resistance) tests - Part 2: Falling-weight test, small-area indenter

Submitted sample is tested on characteristics requested by the Applicant

**Date of receiving of the sample:** No 365/20.04.2010

**Test samples:** One sample of 5 kg

**Test period:** 26.04.2010 - 25.06.2010

**Manager of the Center**

Res. Ass. Eng. Tzvetana Guorova

The results relate only to the tested samples.

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**Testing data:**

No	Characteristic	Unit of measurement	Test method <sup>1)</sup>	No and identification of the sample	Test result/uncertainty	Requirement and tolerance of the characteristics <sup>2)</sup>	Test conditions
1	2	3	4	5	6	7	8
1.	Bond strength	N/mm <sup>2</sup>	EN 13892-8	125	1,1±0,1	≥ 1,0 Class B 1,0	T = (23±2)°C ± 0,1 RH = (50±5) % ± 1,3
2.	Flexural strength	N/mm <sup>2</sup>	EN 13892-2	125	9,5±0,3	≥ 7 Class F 7	T = (23±2)°C ± 0,1 RH = (50±5) % ± 1,3
3.	Compressive strength	N/mm <sup>2</sup>	EN 13892-2	125	31,3±0,5	≥ 30 Class C 30	T = (23±2)°C ± 0,1 RH = (50±5) % ± 1,3
4.	Impact resistance <sup>3)</sup>	Nm	EN ISO 6272-2 clause 7.3	125	10±0,1	Declared value	T = (23±2)°C ± 0,1 RH = (50±5) % ± 1,3
5.	Flow	mm	EN 12706	125	112±1	Declared range	T = (23±2)°C ± 0,1 RH = (50±5) % ± 1,3
6.	Water permeability	kg/m <sup>2</sup> .h <sup>0,5</sup>	EN 1062-3	125	0,9	-	T = (23±2)°C ± 0,1
7.	Wear resistance - Bohme	cm <sup>3</sup> /50cm <sup>2</sup>	EN 13892-3	125	6,9±0,2	≤ 9 Class A9	T = (23±2)°C ± 0,1 RH = (50±5) % ± 1,3

**Notes:**

<sup>1)</sup> The test specimens have been prepared at mixing ratio dry mixture: water = 100: 26 parts by weight.

<sup>2)</sup> The requirement and tolerance of characteristics are in accordance with EN 13813.

<sup>3)</sup> The test specimens have been prepared as the cementitious putty is spread on 3 dustless concrete cubes with dimensions 100 x 100 x 100 mm. The coat thickness is 2,0 mm. A falling weight with mass (1000±1)g is used while running the test.

**Head of the Laboratory**  
Res. Ass. Dr. Eng. Victoria Vassileva



**Manager of the Center**  
Res. Ass. Eng. Tzvctana Guorova



Tests are carry out by: Eng. E. Alexandrova

NOTE: Where relevant, the test report may include opinions and interpretations on certain tests but only in accordance with the requirements of clause 5.10.5 of EN ISO / IEC 17025. Conclusions are not allowed.