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86 Nikola Petkov Blvd, 1618 Sofia, BULGARIA  
tel.+359 2 856 10 82, fax +359 2 955 96 38

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

## TEST REPORT

### No 367-3-127/28.06.2010

**Product:**

Ground coat Glet STAR

**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 1015-11 Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar

EN 1015-12 Methods of test of mortar for masonry - Part 12: Determination of adhesive strength of hardened rendering and plastering mortars on substrates

EN 1015-18 Methods of test for mortar for masonry - Part 18: Determination of water absorption coefficient due to capillary action of hardened mortar

Submitted sample is tested on characteristics requested by the Applicant

**Date of receiving of the sample:** No 367/20.04.2010

**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 1015-12	127	0,7±0,1 type of failure – b <sup>3)</sup>	Declared value and type of failure	T = (20±2)°C ± 0,1 RH = (65±5)% ± 1,3
2.	Flexural strength	N/mm <sup>2</sup>	EN 1015-11	127	2,1±0,1	-	T = (20±2)°C ± 0,1 RH = (65±5)% ± 1,3
3.	Compressive strength	N/mm <sup>2</sup>	EN 1015-11	127	3,7±0,3	<b>From 1,5 to 5,0</b> type CS II	T = (20±2)°C ± 0,1 RH = (65±5)% ± 1,3
4.	Water absorption	kg/m <sup>2</sup> min <sub>0,5</sub>	EN 1015-28	127	1,7±0,1	<b>not defined</b> type Wo	T = (20±2)°C ± 0,1 RH = (65±5)% ± 1,3

**Notes:**

- <sup>1)</sup> The test samples have been prepared at mixing ratio dry mixture: water = 100: 40 parts by weight.  
<sup>2)</sup> The requirement and tolerance of characteristics are in accordance with EN 998-1 for mortar type OC.  
<sup>3)</sup> The designation of the type of failure is according to the EN 1015-12.

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

**Menager of the Center**   
 Res. Ass. Eng. Tzvetana 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.