

CONSTRUCTION PRODUCTS TESTING LABORATORY

Report from
determination of the product
type on the basis of type testing

№ 1 18 1706 / 23.07.2015

page 1 total pages 5

The testing is performed from NB 1871 in accordance with the requirements of Annex V of Regulation (EU) No 305/2011 laying down harmonized conditions for the marketing of construction products, under system 3 for conformity assessment

1. Adhesives for tiles:

Adhesive for ceramic tiles "Siltek T-801" made from Private Joint Stock Company "Terminal-M"

2. Test requested by:

Private Joint Stock Company "Terminal-M", Kiev, Ukraine, application № 2-0368/29.05.2015

3. Test methods:

BDS EN 1346:2008 Adhesives for tiles - Determination of open time

BDS EN 1348:2008 Adhesives for tiles - Determination of tensile adhesion strength for cementitious adhesives

BDS EN 1308:2009 Adhesives for tiles - Determination of slip

4. Date of delivery and quantity of samples for testing: 29.05.2015, 1 sample – 25 kg

5. Date of test: 04.06.2015 -22.07.2015

6. Result:

The sample submitted for testing by adhesive for tiles "Siltek T-801" made from Private Joint Stock Company "Terminal-M" is classified as a type **C2TE** adhesive according to the EN 12004:2007+A1:2012

Laboratory manager: 

/eng. H. Angelova /

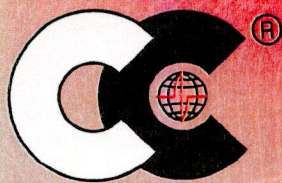




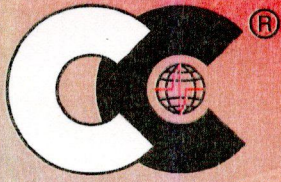
Test results:

№	Name of testing/ characteristic	Unit of measure	Standardized methods	Diary sample №	Test results (uncertainty)	Parameter value and tolerance	Environmental conditions	Deviations, additions or exclusions from the test methods
1	2	3	4	5	6	7	8	9
1.	Open time: tensile adhesion strength							
1.1	After 5 min	N/mm ²	BDS EN 1346:2008	1658-0	average 2.4 ± 0.1	-	t = 22°C RH = 57%	No
					2.6 / CF-A			
					2.6 / CF-A			
					2.6 / CF-A			
					2.5 / CF-A			
					2.3 / CF-A			
					2.4 / CF-A			
					2.4 / CF-A			
					2.4 / CF-A			
					2.0 / CF-A			
					1.6 / AF-T			
					1.9 / AF-T			
					1.8 / AF-T			
					1.4 / AF-T			
					1.8 / AF-T			
					1.8 / AF-T			
					1.6 / AF-T			
					1.6 / AF-T			
					1.7 / AF-T			
1.2	After 10 min	N/mm ²	BDS EN 1346:2008	1658-0	average 1.7 ± 0.1	-		



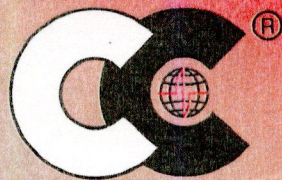


№ Name of testing/ characteristic	Unit of measure	Standardized methods	Diary sample №	Test results (uncertainty)	Parameter value and tolerance	Environmental conditions	Deviations, additions or exclusions from the test methods
1	3	4	5	6	7	8	9
1.3 After 20 min	N/mm ²	BDS EN 1346:2008	1658-0	average 0.6 ± 0.1	≥ 0.5 (EN 12004)	t = 22°C RH = 57%	No
1.4 After 30 min	N/mm ²	BDS EN 1346:2008	1658-0	average 0.5 ± 0.1	≥ 0.5 (EN 12004)	t = 22°C RH = 57%	No
2. Initial tensile adhesion strenght	N/mm ²	BDS EN 1348:2008	1658-0	average 2.3 ± 0.1	≥ 1.0 (EN 12004)	t = 22°C RH = 57%	No



№	Name of testing/ characteristic	Unit of measure	Standardized methods	Diary sample №	Test results (uncertainty)	Parameter value and tolerance	Environmental conditions	Deviations, additions or exclusions from the test methods									
1																	
3.	Tensile adhesion strength after heat ageing-durability	N/mm ²	BDS EN 1348:2008	1658-0	<table border="1"> <tr><td>1.8 / CF-A</td></tr> <tr><td>1.5 / CF-A</td></tr> <tr><td>1.3 / CF-A</td></tr> <tr><td>1.5 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> <tr><td>1.5 / CF-A</td></tr> <tr><td>1.2 / CF-A</td></tr> </table> <p>average 1.5 ± 0.1</p>	1.8 / CF-A	1.5 / CF-A	1.3 / CF-A	1.5 / CF-A	1.6 / CF-A	1.5 / CF-A	1.2 / CF-A	<p>≥ 1.0 (EN 12004)</p> <p>t = 22°C RH = 57%</p>	No			
1.8 / CF-A																	
1.5 / CF-A																	
1.3 / CF-A																	
1.5 / CF-A																	
1.6 / CF-A																	
1.5 / CF-A																	
1.2 / CF-A																	
4.	Tensile adhesion strength after water immersion	N/mm ²	BDS EN 1348:2008	1658-0	<table border="1"> <tr><td>2.2 / CF-A</td></tr> <tr><td>2.0 / CF-A</td></tr> <tr><td>1.8 / CF-A</td></tr> <tr><td>1.9 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> <tr><td>1.7 / CF-A</td></tr> <tr><td>1.8 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> <tr><td>1.7 / CF-A</td></tr> <tr><td>1.9 / CF-A</td></tr> </table> <p>average 1.8 ± 0.1</p>	2.2 / CF-A	2.0 / CF-A	1.8 / CF-A	1.9 / CF-A	1.6 / CF-A	1.7 / CF-A	1.8 / CF-A	1.6 / CF-A	1.7 / CF-A	1.9 / CF-A	<p>≥ 1.0 (EN 12004)</p> <p>t = 22°C RH = 57%</p>	No
2.2 / CF-A																	
2.0 / CF-A																	
1.8 / CF-A																	
1.9 / CF-A																	
1.6 / CF-A																	
1.7 / CF-A																	
1.8 / CF-A																	
1.6 / CF-A																	
1.7 / CF-A																	
1.9 / CF-A																	





№	Name of testing/ characteristic	Unit of measure	Standardized methods	Diary sample №	Test results (uncertainty)	Parameter value and tolerance	Environmental conditions	Deviations, additions or exclusions from the test methods									
1																	
5.	Tensile adhesion strength after freeze-thaw cycle	N/mm ²	BDS EN 1348:2008	1658-0	<table border="1"> <tr><td>1.8 / CF-A</td></tr> <tr><td>1.7 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> <tr><td>1.8 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> <tr><td>1.7 / CF-A</td></tr> <tr><td>1.8 / CF-A</td></tr> <tr><td>1.6 / CF-A</td></tr> </table> <p>average 1.7 ± 0.1</p>	1.8 / CF-A	1.7 / CF-A	1.6 / CF-A	1.8 / CF-A	1.6 / CF-A	1.6 / CF-A	1.7 / CF-A	1.8 / CF-A	1.6 / CF-A	≥ 1.0 (EN 12004)	t = 23°C RH = 56%	No
1.8 / CF-A																	
1.7 / CF-A																	
1.6 / CF-A																	
1.8 / CF-A																	
1.6 / CF-A																	
1.6 / CF-A																	
1.7 / CF-A																	
1.8 / CF-A																	
1.6 / CF-A																	
6.	Determination of slip	mm	BDS EN 1308:2009	1658-0	<table border="1"> <tr><td>0.4</td></tr> <tr><td>0.5</td></tr> <tr><td>0.4</td></tr> </table> <p>average 0.4</p>	0.4	0.5	0.4	≤ 0.5 (EN 12004)	t = 22°C RH = 57%	No						
0.4																	
0.5																	
0.4																	

Note I: The test results apply to the samples only

Note II: The test certificate shut be entirely copied only and with agreement by the test laboratory.

Tested by:.....
/ D. Tebeva /

.....
/ I. Ivanov /

Laboratory manager:.....
/ eng. H. Angelova /

