



**KTU INSTITUTE OF ARCHITECTURE AND CONSTRUCTION**  
**COMPOSITE AND FINISHING MATERIALS LABORATORY**  
 Tunelio str. 60, 44405 Kaunas, tel. (37) 35 16 27



TESTS  
 ISO/IEC 17025 No. LA. 01.012

**TEST REPORT No. KAM 16/20**

23th February 2016  
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APPLICANT JCS "TIKKURILA", Sietyno str. 8, Vilnius LT-04304  
 (name, address)

MANUFACTURER: \_\_\_\_\_  
 (if different from customer)

TEST OBJECT: Hygienic Special Topcoat / Semi-matt ARGENTUM 20 (part. No 7385721)  
 (name, normative document symbol or description, identification methods)

SAMPLE DELIVERY DATE: 2016-01-21 TEST DATE: 2016-(01-25-02-23)

TEST LOCATION: \_\_\_\_\_  
 (if the test was performed not in the referred laboratory )

SELECTED SAMPLES: 2016-01-21, brought by customer  
 (selector, selection place and time, selection act number, normative document)

TESTS PERFORMED PURSUANT TO: LST EN ISO 2812-1:2007, A method  
 (normative document nr. or test method, test order description)

**TEST RESULTS**

No.	Indicator name	Test method mark	Results
1	Resistance to cleaning and disinfecting solutions, to chemicals static impacts h:	LST EN ISO 2812-1:2007, A method	
	5 % Sodium Bicarbonate	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	0,25 % Mikrobac	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	Isopropyl Alcohol	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	0,5 % TAAB-2	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	1 % Chloramine B	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	0,5 % Renolit	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	1 % Micro Quat	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	5% Natrium hypochlorite	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	Suma Bac D10	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes
	1 % Dodecyldimethylammonium chloride	LST EN ISO 4628-2:2004; LST EN ISO 4628-1:2006	0(S0) after 24 h no changes

OTHER INFORMATION: \_\_\_\_\_  
 (any deviations, additional tests, exceptions and any other information, related to specified tests )

ATTACHMENTS: \_\_\_\_\_  
 (Attachment numbers and names)

Laboratory manager:  
 (Legally authorized)

\_\_\_\_\_  
 (signature)

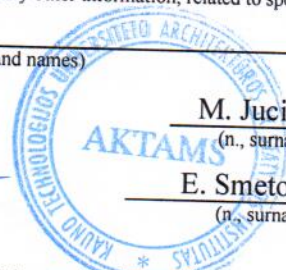
M. Jucienė  
 (n., surname)

Engineer:  
 (Technically responsible for tests)

\_\_\_\_\_  
 (signature)

E. Smetonaitė  
 (n., surname)

These test results relate only to the specific tested items.  
 The parts of test report cannot be multiplied without a written consent of the testing laboratory.



**1. Resistance for static effect of cleaning and disinfection agents (LST EN ISO 2812-1:2007, A method):**

**Table 1**

Name of cleaning and disinfection agents	Samples condition after 24 h dipping:	
	Sample I	Sample II
5 % Sodium Bicarbonate	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
0,25 % Mikrobac	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
Isopropyl Alcohol	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
0,5 % TAAB-2	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
1 % Chloramine B	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
0,5 % Renolit	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
1 % Micro Quat	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
5% Natrium hypochlorite	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
Suma Bac D10	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes
1 % Dodecyldimethylammonium chloride	Blistering 0(S0) after 24 h no changes	Blistering 0(S0) after 24 h no changes

Samples were conditioned for 7 days in following conditions: temperature ( $23 \pm 2$ )°C, humidity ( $50 \pm 2$ ) %. The dry-film thickness of coating 40-50  $\mu\text{m}$  (measured according LST EN ISO 2808:2007, 4A method).

Samples (20 pieces) were vertically dipped into cleaning and disinfection solutions (5 % Sodium Bicarbonate; 0,25 % Mikrobac; Isopropyl Alcohol; 0,5 % TAAB-2; 1 % Chloramine B; 0,5 % Renolit; 1 % Micro Quat; 5% Natrium hypochlorite; Suma Bac D10; 1 % Dodecyldimethylammonium chloride). Dipping depth 75 mm.

After 24 h of dipping samples in 1 min. were evaluated according LST EN ISO 4628-2:2004 and LST EN ISO 4628-1:2006. Surface blistering is:

- 0 (S0)

After samples were left in standard laboratory conditions for 24 h and then surface of samples were evaluated:

- no changes in treatment.

Tests performed by:

  
(signature)



M. Juciėnė  
(n., surname)