



Test Protocol

Test for Bacterium Resistance

Test laboratory accredited by NAB under number NAT-1-1647/2011.

Product name: Grabo Fortis

Manufacturer: Graboplast zRt. 9023 Győr, Fehérvári út 16/b, Hungary

Name and availability of applicant: Graboplast zRt. 9023 Győr, Fehérvári út 16/b, Hungary

Date of receipt of sample: 05.07.2015

Storage: at ambient temperature

Designation of test method: Test for bacterium resistance

ID of standard specifying the test method: MSZ EN ISO 846:1999 Plastics.

Evaluation of the action of microorganisms

Test period: 12.06.2015-10.07.2015

Type of test procedure(s): bacterium resistance test (C)

Test microorganisms:

Pseudomonas aeruginosa NCTC 8060, ATCC 13388

Applied microbicide solution: ethanol-water mixture 70:30 value; o-phenylphenol

Test temperature: ambient temperature

Incubation temperature: ambient temperature (Method C)

Incubation period: 4 weeks

Test results: see tables

The test results are summarised in tables 1, 2 and 3.

The test result is valid only for the tested product sample.

The test protocol may only be copied in full.

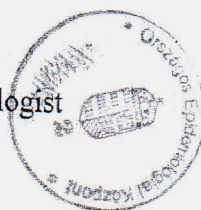
Evaluation (final conclusions):

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2

The results of the test method C and the test sample called **Grabo Fortis** material comprises waste or recyclable material which allows the growth of microbes slight. Based on the above this coating element may be used in health institutions if continuous disinfection is provided. Products belonging to category "surface disinfectant" and licensed by the Office of the Chief Medical Officer of State must be used for disinfection.

23.06.2016
Date

Signature of the biologist



Head of Department

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Method C: Sample: disinfected sample

Culture medium: mineral salt agar, complete medium

Designation of sample: **Grabo Fortis**

Sample size: 3 x 5 piece 5 x 5 cm

Period of test: 4 weeks

Germ count of the infectious suspension: $\sim 10^8/\text{ml}$

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Table 1: version I: infected sample

Sample number	Test Period			
	end of week 1	end of week 2	end of week 3	end of week 4
1	1	2	2	2
2	1	2	2	2
3	1	2	2	2
4	1	2	2	2
5	1	2	2	2

Table 2: version S: sample treated with a microbicide solution

Sample number	Test Period			
	end of week 1	end of week 2	end of week 3	end of week 4
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0

Table 3: version 0: control sample

Sample number	Test Period			
	end of week 1	end of week 2	end of week 3	end of week 4
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0

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