



<b>Test report no.</b>	<b>Q-02018-609-003</b>
<b>Order</b>	<b>Determination of resistance to disinfectants of Supertäck 7 Plus Vit S0500-4</b>
<b>Customer</b>	DAW Nordic AB Box 36 115 S-40013 Göteborg
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## 1 General information

This test report refers to RMI test procedure Q-02018-619-002.

### 1.1 Topic

On 08.03.2018 DAW Nordic AB instructed the Dr. Robert-Murjahn-Institut (RMI) to determine the resistance to disinfectants of Supertäck 7 Plus Vit S0500-4.

### 1.2 Test specimens

RMI received the externally defect-free test specimens on 15.03.2018.

Table 1: test sample

Test specimen no.	Specimen designation	Description	Size of package [I]
90062168	Supertäck 7 Plus	Vit S0500-4	1

There was no further information about the test specimens.



## 2 Procedure

### 2.1 Determination of resistance to disinfectants

This test method is not accredited according to DIN EN ISO/IEC 17025.

Test period: 30.04.-05.06.2018

Test equipment: abrasion tester: model 494, Erichsen

The determination was carried out according to RMI PV 206. The drying time was 28 days at a temperature of  $(23 \pm 2)$  °C and a relative humidity of  $(50 \pm 5)$  %.

A single measurement was carried out.

The following disinfectants were tested in the highest dosage recommendation:

Table 1: used disinfectants

Disinfectant	Dosage [%]	Drug class
Amocid®	5	phenols
Chloramin T Trihydrat	2.5	org. chlorine compounds
Dismozon® pur	4	peroxide compounds
Incidur® Spray	100	alcohols
Antifect® extra	2.5	aldehydes
Microbac® forte	2.5	amines

In addition demineralized water was tested as a blank test.



The used disinfectants are either on the list of by Robert-Koch-Institut (RKI) tested and recognized disinfectants (Bundesgesundheitsblatt -2017 · 60:1274–1297; 17. Edition from 31.10.2017) or are recognized by the „Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM)“ (VAH-list, online list from 04.07.2018).

The determination simulates the mechanical cleaning of a surface with a sponge. The sample is fixed on a wet scrub resistance tester according to DIN EN ISO 11998, the disinfectant solution is applied on the sample with a brush and the sample is scrubbed 40 cycles with a sponge soaked in disinfectant solution. After scrubbing no cleaning takes place so that the disinfectant solution is drying on the surface.

The changes in appearance are classified according to DIN EN ISO 4628:2016-07 table 3. For classification the disinfectant was removed with a wet sponge. The sample is resistant to the tested disinfectant when a rating of 0 or 1 is achieved.



### 3 Results

#### 3.1 Determination of resistance to disinfectants

Table 2: result of resistance to disinfectants determination

Disinfectant	Rating	Intensity of change in appearance
Amocid®	1	very slight change
Chloramin T Trihydrat	0	unchanged
Dismozon® pur	0	unchanged
Incidur® Spray	1	very slight change
Antifect® extra	0	unchanged
Microbac® forte	0	unchanged
water	0	unchanged

Table 3: classification of change in appearance according to DIN EN ISO 4628-1 table 3

Rating	Intensity of change in appearance
0	unchanged, i.e. no perceptible change
1	very slight, i.e. just perceptible change
2	slight, i.e. clearly perceptible change
3	moderate, i.e. very clearly perceptible change
4	considerable, i.e. pronounced change
5	severe, i.e. intense change



## 4 Summary

Supertäck 7 Plus Vit S0500-4 is resistant against all tested disinfectants

- Amocid®
- Chloramin T Trihydrat
- Dismozon® pur
- Incidur® Spray
- Antifect® extra
- Microbac® forte

The test results relate exclusively to the test specimens investigated. Extracts of this test report may only be published if written permission has been obtained from the Dr. Robert-Murjahn-Institute.

Ober-Ramstadt, 04.07.2018



For and on behalf of  
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