



**Ecolab Deutschland GmbH
Ecolab-Allee 1
D-40789 Monheim am Rhein**

certifies that by

**K.A. Schmersal GmbH & Co. KG
Möddinghofe 30
42279 Wuppertal
GERMANY**

material resistance tests

were performed with cleaners/disinfectants **P3-topax 66, P3-topax 990, Topactive 200, Topactive 500** and **Topactive DES** and demineralized water as a zero reference factor.

The material resistance of the tested Security sensors RSS 36 with switch RST 36

**RSS 36 V2 without magnetic latch
RST 36 V2 without magnetic latch
RSS 36 V2 with magnetic latch
RST 36 V2 with magnetic latch**

to the a.m. Ecolab products used in the test can be considered to be positive according to the cleaning procedure mentioned overleaf.

Monheim am Rhein, 06th October 2017
Ecolab Deutschland GmbH

i.V.

i. V.


Thomas Tyborski


Sandra Saul

This certificate is based on:

- documented test procedures; test no.: F&E/P3-E Nr. 40-1 according to material resistance
- test report: Si/RSS36_20161222_Bau December 22, 2017
- defined product descriptions
- standardized cleaning procedure

Test procedure

Cololab-test F&E Nr. 40-1

Test material:

- RSS 36 V2 without magnetic latch
- RST 36 V2 without magnetic latch
- RSS 36 V2 with magnetic latch
- RST 36 V2 with magnetic latch

Dipping test:

- Complete immersion in solutions/liquid

Test period:

- 28 days

Temperature:

- room temperature (constant)

Analysis:

- Visual judgement discoloring, surfaces appearance, cracks, swelling, external diameter, wall thickness
- compared to zero-reference factor (demineralized water)
- Photo documentation

In all test media including reference (water) only a slight discoloration was found.

Product specifications:

P3-topax 66 (test concentration 3%)

Alkaline foam cleaner and disinfectant based on chlorine for the food and beverage industries

P3-topax 990 (test concentration 3%)

Mild alkaline disinfectant based on amine for the food and beverage industries

Topactive 500 (test concentration 5%)

Acid foam cleaning substance for the food and beverage industry

Topactive 200 (test concentration 5%)

Alkaline, chlorine-free foam cleaner for the food and beverage industry

Topactive DES (test concentration 3%)

Acid disinfectant based on peracetic acid for the food and beverage industry

Cleaning plan for food and beverage industry*



Rinsing with water 40 to 50°C

Rinsing with low pressure. Rinsing from top to bottom in the direction of the drains. Cleaning of the drains.



Foaming from bottom to top

alkaline: Topactive 200 or P3-topax 66	2 to 3 % daily
acid: Topactive 500	2 to 5 % on demand
temperature: cold up to 40°C	
contact time: 15 min. recommended	



Rinsing with water 40 to 50°C

Rinsing from top to bottom with low pressure



Disinfection

Topactive DES	0.5 to 1 %, 10-30 min
or	
P3-topax 990	1 to 3%, 15-60 min

*Example, short description. The final step of a cleaning regime is always a thorough water rinse!