



**Fraunhofer**

**TESTED<sup>®</sup>  
DEVICE**

ROCKFON  
VertiQ surface, Red  
**Report No. RO 1408-718**

DUPLICATE

Statement of  
Qualification

Chemical Resistance

# Statement of Qualification

**Customer:** ROCKWOOL International A/S, ROCKFON  
 Hovedgaden 584  
 2640 Hedehusene  
 Denmark

## Component tested

**Category:** Materials  
**Subcategory:** Coatings  
**Product name:** VertiQ surface, Red  
 (manufacturing date: 5/5/2014; material code: prototype red)

## Chemical resistance test

**Standards/Guidelines:** ISO 2812-1; ISO 2812-4  
 The norms stated refer to the relevant editions applicable at the time of the tests.

**Testing equipment:**

- Microscope
- Camera

**Test environment parameters:** Temperature: .....22°C ± 0.5°C

**Test procedure parameters:**

- Immersion method
- Chemicals:.....Chlorine 1000 ppm  
 ..... Ethanol 70 %
- Incubation time: ..... 1h, 3h, 6h, 24h

**Test result / Classification:**  
 (in acc. with ISO 4628-1/VDI 2083-17)

Chemical resistance	1 h	3 h	6 h	24 h
Chlorine 1000ppm	0	0	0	0
Ethanol 70 %	0	0	0	0
<b>Classification</b>	<b>0/excellent</b>			

Chemical resistance has been classified on the basis of a worst-case consideration. In the process, damage was assessed according to the classification system used in ISO 4628-1 and VDI 2083-17:

0 = excellent                      3 = weak  
 1 = very good                    4 = very weak  
 2 = good                            5 = none

Due to the fact that the tested material is permeable, the test result only applies to the tested material.

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

For further information about the test environment and parameters, please refer to the Fraunhofer IPA test report.

Fraunhofer Institute for  
 Manufacturing Engineering and Automation IPA

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Place, date of first document issued

Department of Ultraclean Technology  
 and Micromanufacturing

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 Place, current date

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