

Fraunhofer

TESTED® DEVICE

ROCKFON
VertiQ surface, White
Report No. RO 1408-718

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, White

(manufacturing date: 5/5/2014; material code: PT3494-0700397 white))

Chemical resistance test

Standards/Guidelines:

Testing equipment:

Test environment parameters:

Test procedure parameters:

ISO 2812-1; ISO 2812-4

The norms stated refer to the relevant editions applicable at the time of the tests

- Microscope
- Camera

Temperature: $22 \,^{\circ}\text{C} \pm 0.5 \,^{\circ}\text{C}$

- Immersion method
- Chemicals: Chlorine 1000 ppm Ethanol 70 %

Test result/Classification:

(in acc. with ISO 4628-1/VDI 2083-17)

Chemical resistance	1h	3 h	6 h	24h
Chlorine 1000 ppm	0	0	0	1
Ethanol 70 %	0	0	0	0
Classification	1/very good			

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 weak2 = 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

Department of Ultraclean Technology and Micromanufacturing

Nobelstrasse 12 70569 Stuttgart Germany Stuttgart, September 9, 2014

Place, date of first document issued

Place, current date

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i. A. Molo Soumes

This document only applies to the named product in an unchanged state and is valid from the date of issue for a period of 5 years. The document can be verified under www.tested-device.com

