



Forbo-Novilon B.V.  
Report No. FO 1707-929

# Cleanroom<sup>®</sup> Suitable Materials

Sphera Element  
Chem. Resistance: very good

## FLOORING & COATING

### Chemical Resistance

### Qualification Certificate

DUPLICATE

We hereby certify that the material stated above, provided by

**Forbo-Novilon B.V.**  
KC Coevorden, The Netherlands

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number FO 1707-929.

The chemical resistance tests on the Sphera Element (color: gray 50003) are performed in accordance with ISO 2812-1. Therefore the damages according to ISO 4628-1 and VDI 2083 Part 17 have been transferred to the following classification:

| Chemicals              | Chemical Resistance | Chemicals               | Chemical Resistance |
|------------------------|---------------------|-------------------------|---------------------|
| Formalin 37 %          | excellent           | Peracetic acid 15 %     | weak                |
| Ammoniac 25 %          | excellent           | Hydrochlorid acid 5 %   | excellent           |
| Hydrogen peroxide 30 % | excellent           | Isopropanol 100 %       | good                |
| Sulfuric acid 5 %      | excellent           | Sodium hydroxide 5 %    | excellent           |
| Phosphoric acid 30 %   | excellent           | Sodium hypochlorite 5 % | excellent           |
| <b>Overall result</b>  | <b>very good</b>    |                         |                     |

Detailed information regarding specific product data such as date of manufacture, color, and serial number as well as test environment and parameters can be obtained from the CSM test report issued by the Fraunhofer-Gesellschaft.

FO 1707-929  
Report No. first document  
--  
Report No. current document

Stuttgart, September 14, 2017  
Place, date of first document issued  
--  
Place, current date

on behalf of   
Dr.-Ing. Udo Gommel, Project manager Fraunhofer IPA

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under [www.tested-device.com](http://www.tested-device.com).