



# DO HANDRAILS ENCOURAGE BACTERIAL GROWTH?

Frequently touched surfaces are ideal for the growth of bacteria, which is why a **high number of microbes and bacteria** are commonly found in places like kitchens, bathrooms and offices.

## WHAT ABOUT HANDRAILS?

We tested to find out our handrail's compounds resistance to fungi and bacteria.



Engaged 3rd party certified laboratory to test (in accordance to ISO 846:2019)



Our compounds were treated with fungi and bacteria under the specified time and conditions



Results showed no apparent growth of bacteria and fungi on the surface of the samples

Results prove that Semperit's compound **neither encourages nor provide any nutrients for bacterial growth**. The high resistance to bacteria growth can be attributed to the ingredients and formulation of Semperit's compound, which prevents the settling of bacteria on the handrail surface.



### Tips on handrail surface maintenance

To minimize dirt accumulation on handrail surfaces, it is recommended to **practice routine cleaning of once a day**. Semperit has developed a range of cleaning products specially formulated for the cleaning of handrail materials.

HRLEN-002-B  
All specifications, numbers, calculations, test values, and data mentioned here – which are the basis for our customer consultation – are in accordance with the latest engineering standards. As the operating conditions have an influence on product application, it is the sole responsibility of the customer to check the application conditions of each individual case, and whether the specified quality criteria of our products are adequate for the intended purpose. Improper use, excessive loading, or exposure to impermissible media can impair the product's function. The pictures and graphics shown are only representative images. No liability is accepted for mistakes or printing errors, and data is subject to change at any time. Copying and distribution in any form whatsoever, in whole or in part, only with the express written consent of Semperit. © Copyright 2022 Semperit Technische Produkte GmbH. All rights reserved.

