



The flooring for perfect hygiene

The basis for safe infection control



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by Interface[®]

Complete disinfectability by nora[®] Rubber floors for use in high-risk areas

For years, hygiene departments in hospitals and care facilities have been kept busy with containing infections caused by multi-resistant germs. It has been proven that construction materials such as floor coverings also have a considerable effect on the hygiene standards of healthcare facilities.



Krankenhaus Aichach

Architect: alsh sander.hofrichter
architekten GmbH, Ludwigshafen
Product: norament[®] 928 grano ed

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nora[®] rubber floors can be fully disinfected

As well as the extensive prevention and hygiene measures for patients and medical staff, infection controls are beginning to focus more and more on construction materials. Safe solutions are needed: nora rubber floor coverings are easy to clean and can be fully disinfected, making them perfectly suitable for the usage in high-risk areas where surfaces need to be disinfected regularly. This is the result of a recent study by the Institute of Medical Microbiology and Hospital Hygiene at the University of Marburg. Prof. Reinier Mutters, Head of Hospital Hygiene at the institute, gives some background information on the test:

Which products were tested?

Prof. Mutters: We stress-tested different nora rubber floor coverings with various surface structures on full disinfectability under real conditions. Accordingly nora floor covering samples were tested with and without joints, i.e. installed butt joint-to-butt joint.

References

Newly built hospital in Crailsheim



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“When examined under the microscope, the nora rubber floors have the smoothest and most dense surface compared to other elastic floor coverings used in hospitals. This means that disinfectant residues can be easily removed even hours after an operation. The entire surface area of the rubber floor covering can also be easily disinfected.”



Thomas Schaff, state-approved specialist in hospital hygiene in Crailsheim and Schwäbisch-Hall

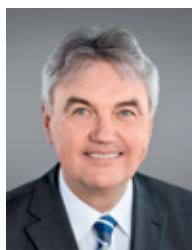
BGU – Workers Professional Association Hospital, Frankfurt am Main



© Claus Langer

“When it comes to floors in hospitals, you need to look closely, an impeccable appearance is extremely important here”. During the regular inspections of the BG Unfallklinik by the public health department, according to Erich Noll, the head of the construction department, the nora floors have never given cause to any complaints – neither with regard to hygiene nor appearance.

“The nora rubber floors still look excellent after years of use. The long-term experience shows us, that we have chosen the right product.”



Erich Noll, Head of the construction department, BGU – Workers Professional Association Hospital, Frankfurt am Main

More detailed information about the buildings is available at <https://www.nora.com/global/en/references>. You can also send your enquiry to us directly at info@nora.com or call us on +49 - 6201 - 80 66 33.

What results were recorded?

Prof. Mutters: All tested nora rubber floorings displayed a high reduction in the germs applied after the surface was disinfected. For all installation variants – whether jointed or butt joint-to-butt joint – we recorded reduction rates that go beyond the 5-log removal for disinfectant processing determined by the professional associations – the Deutsche Gesellschaft für Hygiene und Mikrobiologie [German Society for Hygiene and Microbiology] (DGHM) and the Association for Applied Hygiene (VAH).

The hygiene standard of all tested nora rubber floor coverings can thus be classified as very high, making them suitable for use in high-risk areas. This is also specifically the case for the rubber floors with hammerblow surface as well as with structured surface.

In your opinion, which kind of installation is more hygienic?

Prof. Dr. Mutters: As a hygienist, I would evaluate the butt joint-to-butt joint installation as very positive, since this installation variant also offers a high standard of hygiene over a long period of time.

With floor coverings that are not dimensionally stable, joints can burst open. As a result, unhygienic cracks form. The joints also get dirty more easily than the floor covering. The resulting build-up of bacteria can be avoided with the tight butt joint-to-butt joint installation.



Interview with Prof. Renier Mutters, Head of Hospital Hygiene at the Institute of Medical Microbiology and Hospital Hygiene at the University of Marburg, April 2016

Recommended by hygienists:

nora[®] rubber floorings



- Hygienically perfect surfaces and joints
- Simple and efficient cleaning
- Resistant to surface disinfectants listed by VAH and RKI
- Highest durability – for a long service life
- Supports a healthy environment due to excellent indoor air quality proven by essential independent certifications
- Quality “Made in Germany”



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