

Bona[®]

Passion for wood floors

Established in 1919, Bona is a world leading innovator with a unique system for wooden floor treatment. Through subsidiaries and distributors we have local presence in more than 90 different countries enabling us to be close to our customers and craftsmen.

Our long commitment and passion for wooden floors enable us to offer lasting, sustainable results that meet all wooden floor needs for professionals and floor owners alike.



TEST
ACCORDING
TO TRBA 250



HYGIENE EFFICIENCY WITH RECOATED FLOORS

Test results for LVT-floors treated with Bona Pure



- ✓ **HEALTHY FLOORS**
- ✓ **EXTENDED BEAUTY**
- ✓ **MINIMAL DOWNTIME**

CLEAN, HEALTHY FLOORS

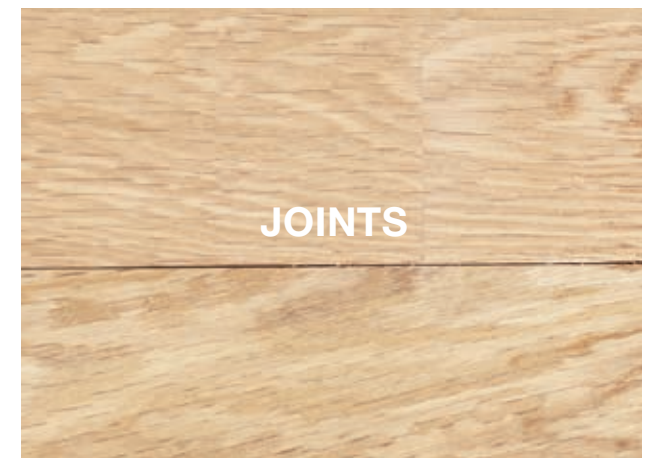
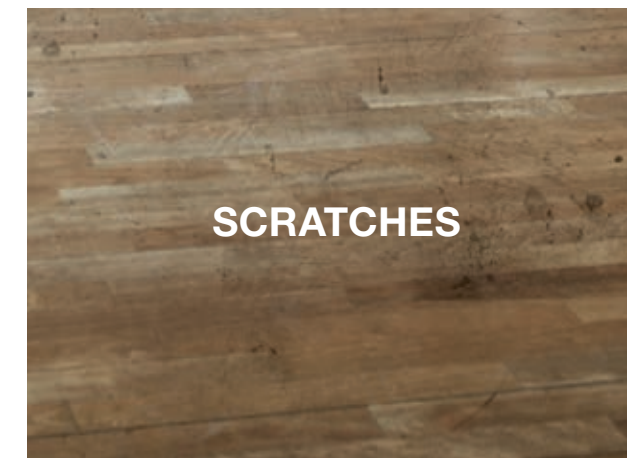
Clean surfaces are vital. Especially in premises like hospitals and day-care centres where a high level of hygiene is essential. That is why easy-to-clean vinyl floors often are used to minimize the risk of germs gaining a foothold. However, bacteria and microorganisms can still hide in joints, scratches and other hard-to-reach areas. To ensure a truly clean floor and reduce the risk of germs, Bona

Commercial System combines a focus on optimal care with state-of-the-art solutions, uniquely developed for wooden and resilient floors. It not only enables greater levels of hygiene for floors resulting in healthier environments, but also offers fantastic benefits, such as minimal downtime and superior results.

CRITICAL AREAS FOR UNPROTECTED FLOORS

Every day a significant amount of dirt and microorganisms accumulate in the scratches and joints of flooring surfaces.

Minimizing these areas makes surfaces easier to clean and reduces the build-up of dirt and contamination.



BONA PURE FOR HEALTH AND BEAUTY

Bona Deep Clean Treatment complemented with a layer of Bona Pure is an efficient solution for worn as well as new resilient surfaces. Bona Pure provides a long-term surface protection for heavily trafficked floors.

Surfaces not only become free from dirt build-up, they are also sealed against microorganisms, resulting in surfaces that look refreshed and revived, with the highest standard of hygiene.

- ✓ **HARDWEARING PROTECTION**
- ✓ **LEVELLING PROPERTIES**
- ✓ **SEALED AGAINST MICROORGANISMS**
- ✓ **STRONG RESISTANCE**





EXCEEDING REQUIREMENTS FOR HEALTHY FLOORS

Regulations and guidelines concerning floor hygiene and health gain in importance. Germany is a country with long tradition of stringent and clear regulations. Technical Rules for Biological Agents (TRBA) is a German regulation which sets the standard of requirements in terms of safety, occupational health, hygiene and work with respect to activities involving

the handling of biological agents. TRBA 250 in particular focuses on the technical rules for biological agents handled in healthcare and welfare care facilities. If the technical rules of TRBA 250 are adhered to, it can be assumed that the product follows a high level of safety and health protection.

TRBA 250 REGULATIONS FOR FLOORS:

- ✓ WATERPROOF
- ✓ EASY TO CLEAN
- ✓ SMOOTH AND SLIP RESISTANT
- ✓ SEAMLESS WITHOUT JOINTS
- ✓ ROUNDED CORNERS AND EDGES
- ✓ COMPLETELY SEALED

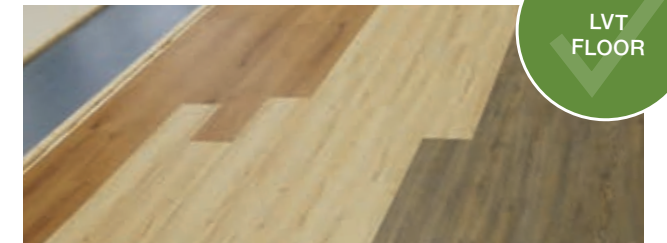
SYSTEMATIC TEST WITH IFR INSTITUTE

Bona commissioned a study on use of the Bona Resilient System in hygiene-relevant areas, in particular, vinyl flooring. The test was carried out in conjunction with the IFR Institute

in Germany. The purpose of the test was to prove that a smooth, joint-free LVT surface can be created by overcoating using Bona Pure according to the regulations of TRBA 250.

TEST FLOOR

The first step of the test was to install a new floor of different types and structures.



TEST FLOOR SETUP

The next step involved dividing the test area into two sections and coating one with Bona Pure, while the other was left untreated.



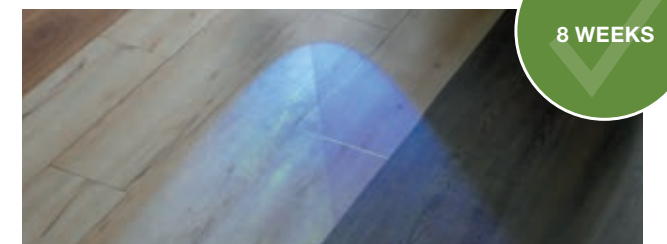
TEST METHOD

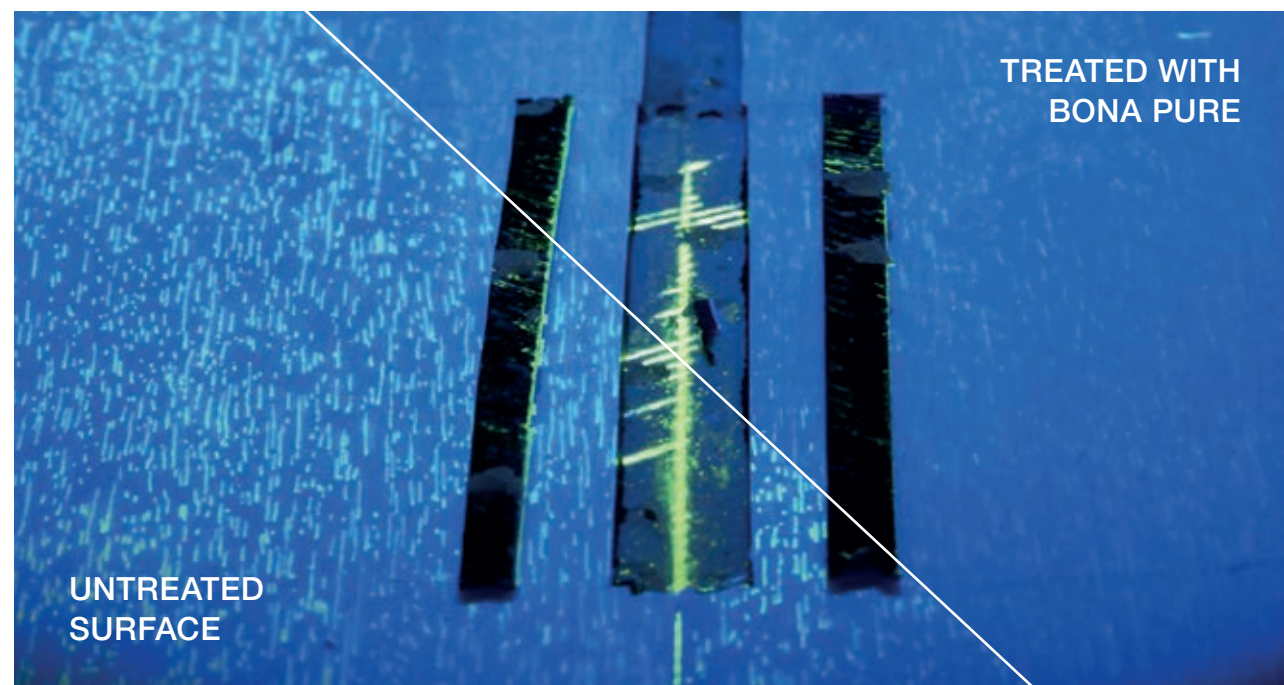
The test was then carried out through daily cleaning of the entire floor surface. This was done with a solution containing fluorescent pigments using Bona PowerScrubber and Bona Deep Clean Solution.



TEST PERIOD

Daily cleaning was carried out over a period of 8 weeks. At the end of the test period, UV lights were used to examine each surface for contamination levels.





HEALTHIER FLOOR SURFACE

After 8 weeks the floor was examined using UV lights to see the contamination. The result showed that the floor without Bona Pure was highly contaminated. The surface that had been treated with Bona Pure, however, showed nearly no contamination at all.

To prove the test results further, the LVT planks were removed to examine for signs of contamination below the surface. On the untreated area, a high level of contamination was found below the planks due to penetration through the joints.

However, the area treated with Bona Pure showed almost no signs of contamination thanks to its protective layer which seals each joint.

By applying a coat of Bona Pure over the LVT floor, Bona fulfilled the demands specified by the TRBA 250 regulations. Its sealing power and optimal slip resistance creates a barrier against residual germs and microorganisms, for hygienic floors. Application of Bona Pure on vinyl flooring also aids maintenance cleaning.



Floor illuminated using UV lights to examine contamination.



BONA PURE MEETS TRBA 250

Bona Pure is specially developed to meet all TRBA 250 requirements (45 µm layer thickness per order). Slip resistance according to DIN 51130 (R9) can easily be achieved with

Bona Pure. Recoating with Bona Pure ensures that dirt and microorganisms do not stick to or penetrate the floor covering.

✓ FLOOR SURFACE SEALING

✓ OPTIMAL SLIP RESISTANCE

✓ PREVENTS MICROORGANISMS

✓ CLEANING EFFICIENCY