

FOR RESILIENT  
AND WOOD FLOORS



# IMPROVING FLOOR HYGIENE

Bona Commercial System™

**Bona**®



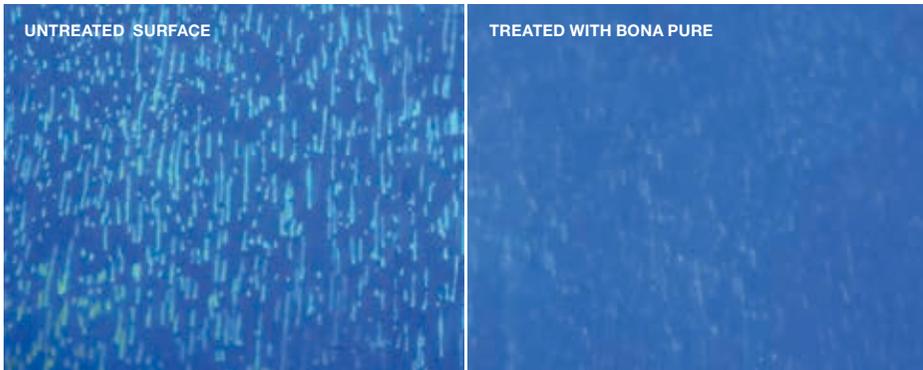
# BONA IMPROVING FLOOR HYGIENE

Every day a significant amount of dirt and micro-organisms accumulates in the scratches and joints of hard flooring surfaces. Eliminating the build up of this type of contamination is essential if the floor is to be kept scrupulously clean. Fortunately, Bona has developed state-of-the art solutions to help resilient floor owners create homogenous, easy to clean surfaces.

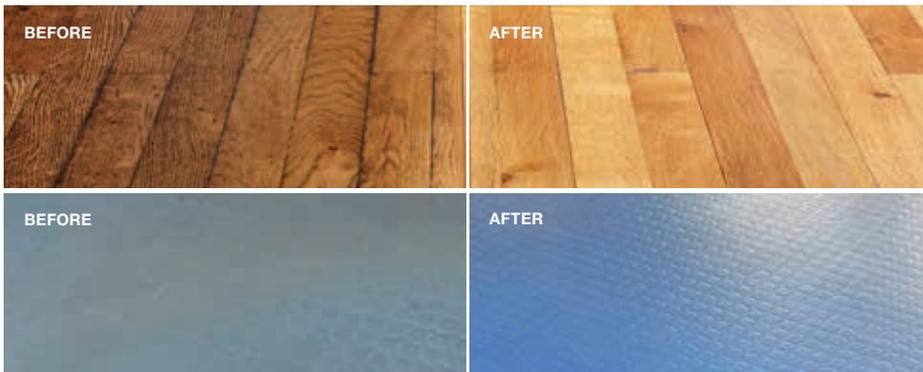


The Bona concept is to periodically deep clean and seal the floor's surface, ideally from the time it is installed, to produce a smooth, homogenous surface which can be easily and efficiently cleaned during its lifetime.

*Nowhere for dirt to hide on this homogenous surface!*



Under test conditions the LVT floor was examined using UV lights to expose contamination on the untreated area.



## MORE EFFICIENT CLEANING

Bona's sealing treatment fills any fine cracks and scratches, as well as joints between LVT panels - to eliminate the possibility of dirt, grime and micro-organisms building up on the floor's surface and making daily cleaning even more hygienic. At the same time you'll be meeting TRBA (Technical Rules for Biological Agents) standards for health and hygiene (see pages 10-12).

## MAINTAINING GOOD LOOKS

Heavy traffic and the build-up of dirt and residue can leave floors looking dull and tired. Bona has developed daily cleaning systems for resilient and wood floors to keep them in tip top condition as well as deep cleaning processes for use when required and before recoating with a new protective layer.

## REDUCING THE DOWNTIME

The Bona Commercial System is all about keeping downtime to a minimum. Our recoating process can be carried out in matter of hours so there'll be no need to close down your business or facility.





# DIFFERENT CONDITIONS, DIFFERENT TREATMENTS

The Bona Commercial System offers a range of different treatments depending upon the condition and type of floor. Our regular refreshing treatments are designed for effective daily cleaning.

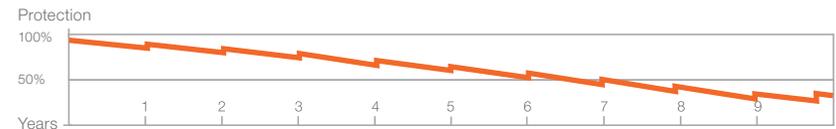
On floors with stubborn stains, our reviving or Bronze deep cleaning treatment delivers remarkable results with the surface ready for use again within hours. It also doubles the lifespan of the floor compared to regular cleaning.

When the floor is scratched and heavily worn then it's time to recoat using our Silver Treatment. This is also the perfect approach to maintaining the surface of a wood floor.

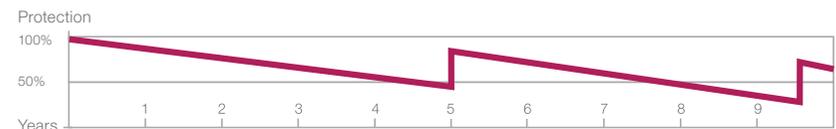
## BONA REFRESH VS. TRADITIONAL CLEANING



## BONA REVIVE – BRONZE TREATMENT



## BONA RECOAT – SILVER TREATMENT



\*Domestic floors



**LOOSE/BONDED DIRT**



**REFRESHED**



**STUBBORN STAINS**



**REVIVED**  
BRONZE TREATMENT



**SCRATCHES**



**RECOATED**  
SILVER TREATMENT

These are our recommended maintenance guidelines and are dependent upon the environment and levels of traffic.

TREATMENT	CONDITION	DOMESTIC	LIGHT COMMERCIAL	PUBLIC AREAS
REFRESH	Loose dirt	1-2x/week	3-5x/week	Daily
	Bonded dirt	Weekly	Weekly	2x/week
	Clean and light care	Bimonthly	Monthly	Weekly
REVIVE	Stubborn stains	1x/year	3-4x/year	4-6x/year
RECOAT	Scratches	Every 5-10 years	Every 3-5 years	Every 2-3 years

# REFRESHING SURFACES

Bona's refreshing treatments are designed for highly effective daily or regular cleaning. Specially formulated for floor surfaces, they leave no residue and will help to maintain the beauty of the floor too. All are compatible with Bona's reviving and recoating treatments.

- ✓ **UNIQUELY MADE FOR FLOORS**
- ✓ **COMPATIBLE WITH BONA RECOATING PRODUCTS**
- ✓ **HIGHLY EFFECTIVE CLEANING PERFORMANCE**



## WOOD FLOORS



A neutral, low-foaming cleaner for sealed wood floors. Suitable for both manual and machine cleaning.



A cleaner for regular cleaning and maintenance of oiled wood floors.

## RESILIENT FLOORS



Suited for daily cleaning, as well as to remove severe soiling. Low foaming so can be used in a Power Scrubber.



A mild, water soluble cleaner/maintainer for routine cleaning.

# REVIVING SURFACES

## Bronze treatment

Heavy traffic and the build up of dirt and residue can leave floors looking tired and dull. Bona's unique reviving process is designed to deep clean all types of wood and resilient surfaces. For wood floors treated with a penetrating oil, deep cleaning should always be followed by an application of maintenance oil.

- ✓ **HYGIENIC FLOORS**
- ✓ **SUPERIOR RESULTS**
- ✓ **MINIMAL DOWNTIME**



### WOOD FLOORS



+



Concentrated cleaner for thorough deep cleaning.

Available in matt or gloss, Bona Polish preserves the existing sheen of the floor while offering continued protection against wear.

### RESILIENT FLOORS



+



Developed for stripping polish, dirt and old cleaning residue.

Polyurethane-reinforced maintenance coating.

# RECOATING SURFACES

## Silver treatment

Floors can be given a new lease of life and new resilient surfaces protected from the accumulation of dirt and micro-organisms with the Bona Silver or recoating treatment. Recoating involves superficial sanding with the Bona FlexiSand 1.9 sanding machine and Bona Diamond Abrasives which deliver a perfectly smooth finish. Bona Traffic HD or Bona Pure top coats provide the durability required in a heavily used area.

- ✓ **SCRATCH REMOVAL**
- ✓ **RENEWED SURFACE PROTECTION**
- ✓ **MINIMAL DOWNTIME**



### WOOD FLOORS



+



+



Concentrated cleaner for thorough deep cleaning.

An abrasive for superficial sanding.

Quick-drying lacquer for wooden floors exposed to extreme wear.

### RESILIENT FLOORS



+



+



Developed for stripping polish, dirt and old cleaning residue.

An abrasive for superficial sanding.

A hard-wearing hard-elastic PUR coating.



# TIME TO RENOVATE?

## Gold treatment

When floors become damaged or are heavily worn, replacement is the traditional answer. Bona provides an alternative, more economical approach and provides a system that allows you to restore the surface, prolong its life and, if required, totally change its look. There is no need to remove and dispose of the old floor. For wood as well as vinyl, PVC, linoleum and rubber, Bona's unique gold treatment delivers a completely new surface with minimal downtime.

When it's time for a full renovation, ask us about our gold treatment.

- ✓ **COST EFFECTIVE**
- ✓ **MINIMAL DOWNTIME**
- ✓ **LESS ENVIRONMENTAL IMPACT**



# TRIED & TESTED FOR HYGIENIC RESULTS

Hygienic floor surfaces are vital, especially in premises like hospitals and day-care centres. This is why easy-to-clean vinyl floors are often installed in these environments to minimise the risk of germs gaining a foothold. However, bacteria and micro-organisms can still hide in joints, scratches and other hard-to-reach areas.

## MEETING TRBA 250 STANDARDS

We commissioned a study on the use of the Bona Commercial System on vinyl flooring - typically used in hygiene sensitive areas. The test was carried out in conjunction with the IFR Institute in Germany. The purpose of the test was to prove that by overcoating with Bona Pure, a smooth, joint-free LVT surface can be created that meets the German TRBA 250 standard.

TRBA (Technical Rules for Biological Agents) 250 focuses on the biological agents handled in health and welfare facilities. If a product meets TRBA 250 standards then it can be assumed it will deliver a high level of safety and health protection.

### TEST FLOOR

The first step of the test was to install a range of new LVT wood effect flooring.



### 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

A solution containing fluorescent pigments was then applied daily across the whole floor and cleaned using the Bona PowerScrubber and Bona Deep Clean Solution.



### TEST PERIOD

Daily contamination with the pigments followed by cleaning was carried out over a period of 8 weeks. At the end of the test period, UV lights were used to expose the levels of contamination on each part of the floor..



## TRBA 250 REGULATIONS FOR FLOORS:

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

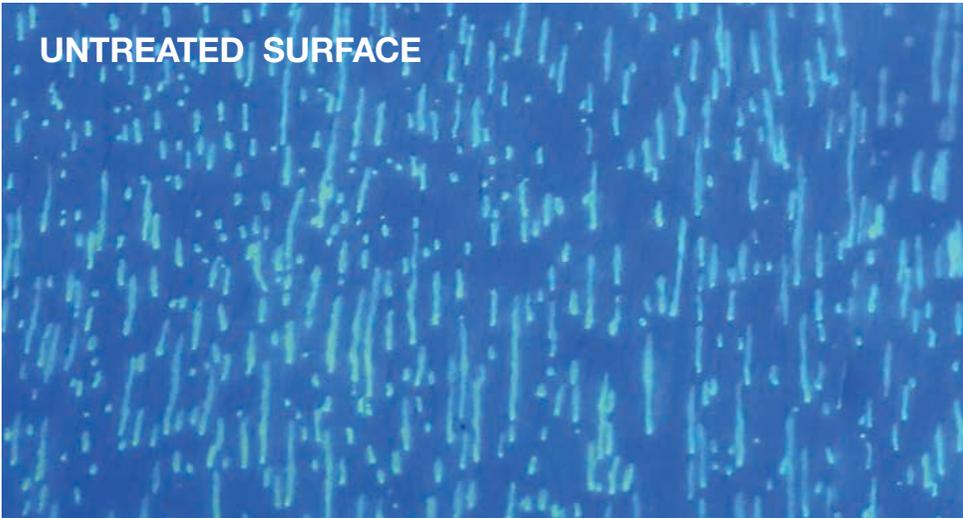
# THE TEST RESULTS

The part of the floor not treated with Bona Pure showed high levels of contamination. The part treated with Bona Pure showed hardly any. 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 met the criteria defined in the TRBA 250 regulations. Its sealing power created a barrier against residual germs and micro-organisms, making it easier to keep the floor scrupulously clean.

Bona Pure is specially developed to meet all the requirements of TRBA 250 (45 µm layer thickness per coat). Slip resistance that meets DIN 51130 (R9) is also easily achieved with Bona Pure, as well as its ability to stop dirt and micro-organisms sticking to or penetrating the surface.

### UNTREATED SURFACE



### TREATED WITH BONA PURE



*Under test conditions the LVT floor was examined using UV lights to expose contamination on the untreated area.*



Inspiring projects with

# Beautiful floors

## VINYL SCHOOL SPORTS FLOOR, MIDLANDS

The vinyl sports floor had become very worn and needed to be replaced or renovated. Due to the high cost of replacement, the decision was made to renovate the surface using Bona's Floor Care Program. Following repairs to the surface, Bona Power Remove solution was applied in 40 metre sections, allowing it to 'work' on the surface and release the build up of dirt and maintenance product layers. While still wet, each section of floor was then sanded using Bona diamond disc abrasives to key the surface. The sanded slurry was removed using a Bona Power Scrubber and the surface neutralised using clean water.

Two coats of Bona Pure Colour were applied to create the new blue and red sections, followed by sports lines and a final transparent coat of Bona Pure to seal the surface. The cost was 50% less than replacement with a new floor.



## **RUBBER STUD FLOOR, BUSINESS RECEPTION AREA**

Constant heavy traffic and a poor cleaning regime meant this rubber stud floor was looking very dull and worn. There was insufficient budget for a full replacement, but fortunately the Bona Recoating Treatment enabled a full renovation of the surface to be carried out over a weekend, at a fraction of the cost of replacement. The final transparent overcoating gave a stunning finish to the new, easy to clean surface.





## **HOTEL FOOD SERVICE AREA, LEEDS**

Following sanding back to bare wood, a combination of waterborne primer and non-slip lacquer was used to renovate the oak plank floor in a busy food service area in this Leeds hotel. Bona Traffic HD Anti-Slip lacquer was specified as it combines high durability and low level slip potential which surpasses the HSE's low level slip classification of 36+ when tested using the Pendulum (CoF) test. The floor was put back into full use after just 12 hours – a perfect solution for a commercial area where avoiding downtime is a key requirement.

# **Bona**<sup>®</sup>

*Passion for wood floors*

Established in 1919, Bona is a world leading innovator with a passion for the development of unique systems to treat wood and other hard floors.

Through our subsidiaries and distributors we have a local presence in more than 90 countries, enabling us to work closely with floor owners as well as the professionals who use our products.



For more information about the Bona Commercial System for Wood & Resilient Floors please contact:

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