



# THE **R3**VOLUTION WITH **R3**BOND®

**R3**MOVE **R3**COVER **R3**CYCLE



# THE WORLD IS CHANGING. JOIN THE R3VOLUTION

The construction industry is one of the most energy intensive sectors, accounting for approximately 40% of global energy consumption and nearly 30% of worldwide CO<sub>2</sub> emissions. As the world grapples with climate change and resource scarcity, it's imperative that we set a transformation path towards more sustainable practices.

The R3BOND® SYSTEM is designed with these priorities in mind. Our innovative system ensures sustainable resource use, helping to reduce waste and promote the recyclability of vinyl flooring.



A UNIQUE, PATENTED FLOORING ADHESIVE SYSTEM ENABLING EASY FLOORING **R3MOVAL**, CLEAN SUBFLOOR **R3COVERY** AND **R3CYCLING** OF VINYL FLOORS

**R3BOND® SYSTEM =  
ADHESIVE + GRID**



**SUITABLE FOR  
VINYL FLOORING**



**IDEAL FOR HIGH TRAFFIC AREAS**





# UNLOCK THE POWER OF R3BOND®

Traditional flooring renovation practices pose a list of challenges such as dust, damaged flooring and subfloor and lengthy downtime. R3BOND® emerges as a transformative solution, designed to mitigate these concerns through its innovative approach to vinyl flooring adhesives.

- ACHIEVE **CLEANER AND FASTER RENOVATIONS**
- ENABLE **VINYL FLOORING RECYCLING**
- NEVER COMPROMISE ON **QUALITY AND PERFORMANCE**



## 3 STEPS ONE MAJOR BREAKTHROUGH

### R3MOVE

Vinyl flooring installed with R3BOND® can be cleanly removed. Even years after installation, the old floor covering can be removed without any adhesive residue on its backing.

1



2



### R3COVER

The subfloor can be recovered with no adhesive residue or damage. Minimal to no preparation of the substrate is needed for the next installation.

3



### R3CYCLE

Free from adhesive residue, the old flooring can be sent for recycling and given a second lease of life after removal.



# TRANSFORM YOUR SPACE WITH **CLEANER** AND **FASTER** RENOVATIONS

Using the R3BOND® SYSTEM significantly reduces downtime by eliminating the need for extensive floor preparation. The old flooring can be removed without any adhesive residue or damage to the subfloor, allowing the new flooring to be installed quickly and efficiently.



**100m<sup>2</sup> project = 1 - 2 DAYS SAVED!**

For example, your area will be ready and open to traffic within just two days for a 100m<sup>2</sup> project. This is 1-2 days saved compared to standard adhesive solution.



## STANDARD

- 1. Remove old flooring
- 2. Mechanically prepare
- 3. DPM (if required)

- 1. Floor preparation (primer and smoothing compound)

- 1. Application of soft floor adhesive
- 2. Installation of flooring

**OPEN TO TRAFFIC**

VS

## R3BOND® SYSTEM

- 1. Remove old flooring
- 2. Remove the grid
- 3. Lightly abrade the surface (if required)
- 4. Application of R3BOND®
- 5. Installation of floor covering

DAY 1

DAY 2

DAY 3

DAY 4

**OPEN TO TRAFFIC**



# REDUCE YOUR ENVIRONMENTAL IMPACT

Eliminating the need for extensive floor preparation means fewer products and resources are required. This not only simplifies the installation process but also reduces waste and the overall carbon footprint. By choosing R3BOND®, you contribute to a more sustainable renovation process.

**1000m<sup>2</sup> project = 3 TONNES CO<sub>2</sub> SAVED!**

## STANDARD

Total Carbon Footprint kgCO<sub>2</sub>eq/m<sup>2</sup>

Primer

0.25

SLC

3.33

Adhesive

0.75

4.33 x 1,000 m<sup>2</sup> =  
**4,300 TCO<sub>2</sub>eq**

vs

**RE**<sup>®</sup>  
**REBOND**  
**SYSTEM**

Total Carbon Footprint kgCO<sub>2</sub>eq/m<sup>2</sup>

Adhesive + Grid

1.19

1.19 x 1,000 m<sup>2</sup> =  
**1,190 TCO<sub>2</sub>eq**

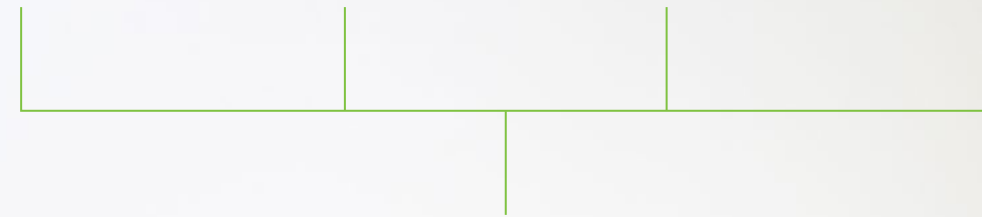
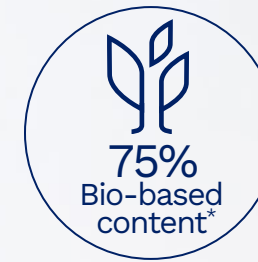
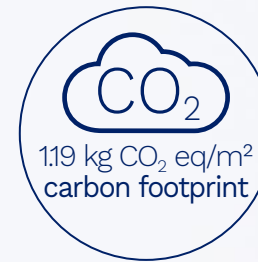




# ENABLE VINYL FLOORING RECYCLING

Vinyl flooring is known for its durability and versatility, making it a popular choice for both residential and commercial spaces. Yet its recycling is often overlooked, and recycling rates remain low. Too often, these materials end up in landfills or incineration instead of being recycled, wasting valuable resources, and contributing to environmental impact.

One significant barrier to recycling has been adhesive contamination. With our unique R3BOND® SYSTEM, the adhesive is encapsulated within the grid, ensuring the floor covering backing is clean. This breakthrough innovation allows for easier recycling of vinyl flooring, promoting a more sustainable approach to managing waste in the flooring industry.

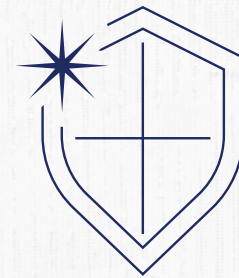




# EXPERIENCE UNMATCHED MECHANICAL STRENGTH AND DURABILITY

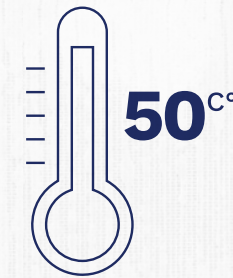
The R3BOND® SYSTEM has been rigorously tested to withstand challenging conditions, including high temperatures and extended use, without compromising on performance or sustainability. The system showcases high mechanical performance in both shear and peel tests and ensures robust and reliable bonding under various extreme conditions.

## KEY PERFORMANCE HIGHLIGHTS:



### HIGH MECHANICAL PERFORMANCE

The R3BOND® SYSTEM excels in shear and peel strength, providing a secure and lasting bond that withstands significant stress and strain.



### TEMPERATURE RESISTANCE

Designed to endure high temperatures, our R3BOND® SYSTEM remains effective up to 50°C, ensuring durability and reliability in the most demanding environments.



### DURABILITY UNDER STRESS

The R3BOND® SYSTEM is tested to withstand 150,000 cycles of castor chair movement, demonstrating exceptional durability and resilience under repetitive mechanical stress.



With these attributes, the **R3BOND® SYSTEM** not only champions sustainable practices but also delivers unrivaled mechanical and durability performances. Perfect for high traffic areas such as healthcare facilities, retail stores, and hospitality settings, R3BOND® offers the ideal blend of sustainable innovation and high performance.



# DESIGNED EXCLUSIVELY FOR **TRAINED** **PROFESSIONALS**

The R3BOND® SYSTEM is designed for professional installation, requiring specialised skills to ensure optimal performance. To guarantee the best results, we provide comprehensive training for applicators, ensuring they are equipped with the knowledge and expertise needed to install the system flawlessly.



Consult our technical installation guide for the full installation and removal steps. Contact your Bostik Academy technical team for more information.



Find us online at  
[www.bostik-academy.com](http://www.bostik-academy.com)







**ATTACHED TO YOUR WORLD**

**Smart help:  
+ 44 (0) 1785 272625**

Refer to product data and safety sheets for full instructions and precautions in use. Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

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