

# RINOL *DensiSod*

Improving the performance of concrete floors

## CONCRETE PERFORMANCE STARTS AT THE SURFACE

Concrete floors are often selected for their strength, but their long-term performance depends greatly on the condition of the surface. Even when the slab is structurally sound, the upper layer of the concrete can remain porous, soft or insufficiently compact.

Under traffic, cleaning cycles and mechanical abrasion, this surface condition can lead to dust release, progressive wear, dirt retention and a less uniform appearance over time. The floor becomes harder to clean, less stable in performance and more demanding to maintain.

RINOL*DensiSod* is designed to improve this critical surface zone. By penetrating into the concrete and reacting within the substrate, it helps reduce porosity and increase surface compactness, creating a harder, cleaner and easier-to-maintain concrete floor.

## WHERE DENSIFICATION MAKES THE DIFFERENCE

RINOL*DensiSod* can be used as a stand-alone densification treatment or as part of a wider concrete floor process. Its role is to improve the surface condition of the concrete before the floor is polished, protected or maintained over time.

It is particularly suitable for new, soft or porous concrete surfaces, and for floors where reduced dusting, increased surface hardness and easier maintenance are required. The correct treatment sequence depends on the condition of the concrete, expected traffic and required final appearance.



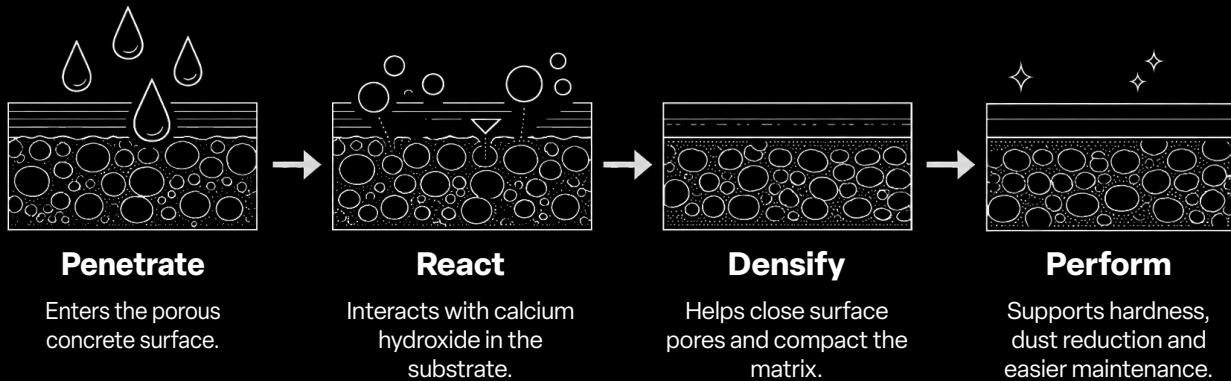
**RINOL*DensiSod* does not hide the concrete surface.  
It improves the way it behaves.**

## DENSIFICATION THAT WORKS BELOW THE SURFACE

RINOL**DensiSod** is a ready-to-use, water-based densifier based on modified sodium silicates. Once applied, it penetrates into the concrete surface and reacts with calcium hydroxide naturally present in the substrate.

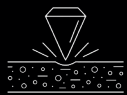
This reaction helps reduce surface porosity and contributes to the formation of a denser, more compact concrete matrix. The surface becomes harder, less prone to dust release and better prepared for routine maintenance or further treatment.

Unlike coatings or film-forming products, RINOL**DensiSod** does not create a visible layer on top of the floor. It works within the concrete surface, maintaining breathability while improving surface performance.



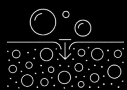
## THE BENEFITS OF A DENSER CONCRETE SURFACE

By increasing the compactness of the concrete surface, RINOL**DensiSod** helps improve the way the floor performs, cleans and responds to daily use.



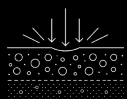
### Harder surface

Improves surface hardness and helps the concrete better resist traffic, abrasion and daily operational stress.



### Reduced dust release

Limits the release of fine dust from the concrete surface, supporting cleaner environments and easier routine cleaning.



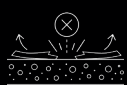
### More compact matrix

Helps reduce surface porosity, making the concrete less open and more stable over time.



### Improved abrasion resistance

Supports better resistance to wear caused by machinery, foot traffic, cleaning cycles and movement of goods.



### No surface layer

Does not form a coating, film or topical layer, avoiding typical issues such as peeling or flaking.



### Better maintenance response

A denser surface is easier to clean and can respond better to regular wet cleaning and suitable maintenance pads.

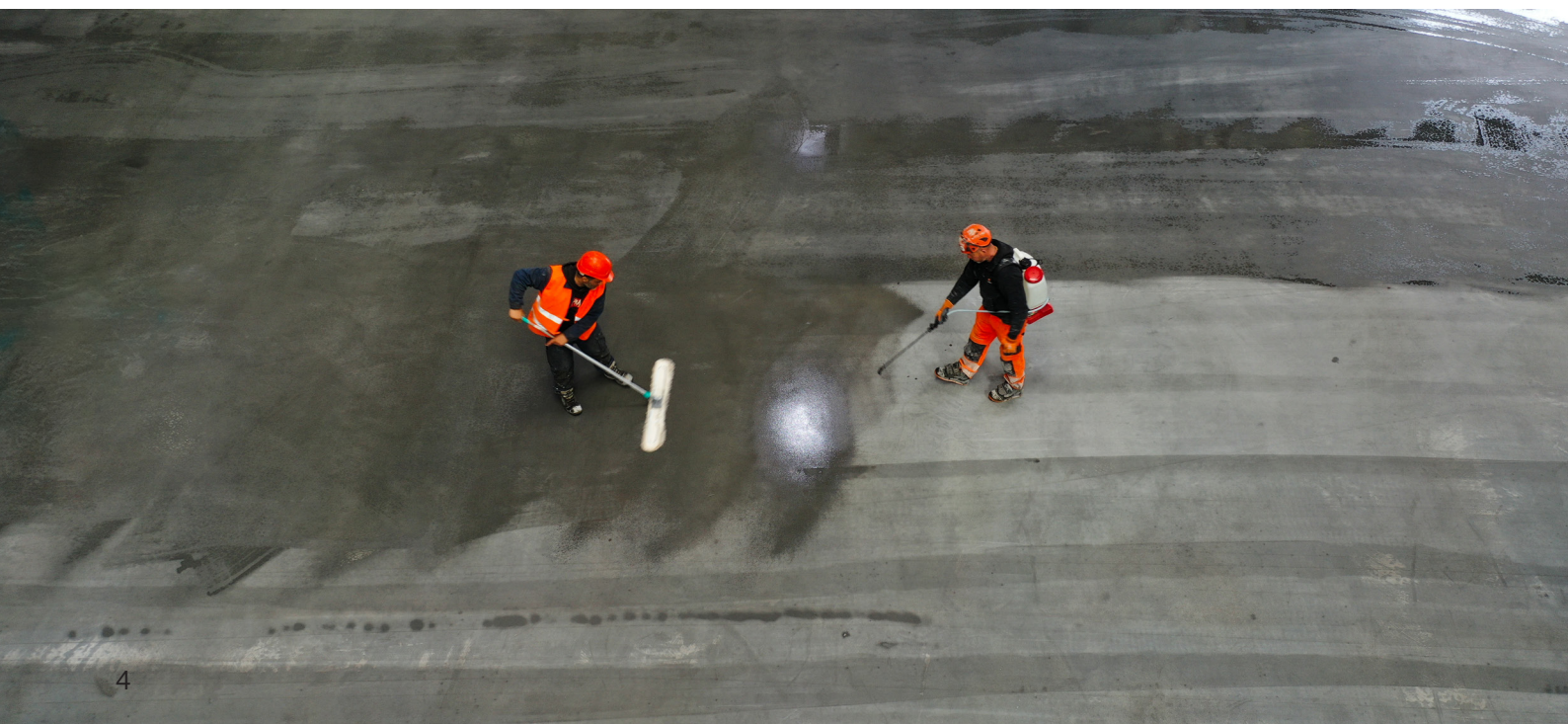


## CERTIFIED LOW-EMISSION PERFORMANCE

RINOL**DensiSod** is designed for projects where concrete floor performance and indoor air quality requirements must be considered together. Its water-based, low-emission formulation supports the treatment of concrete surfaces in professional environments where durability, cleanability and responsible material selection are important.

RINOL**DensiSod** is certified Indoor Air Comfort Gold by Eurofins and supports specification requirements related to low VOC emissions. It can also contribute to projects designed according to recognised green building frameworks such as LEED v4.1 and BREEAM International, where applicable.

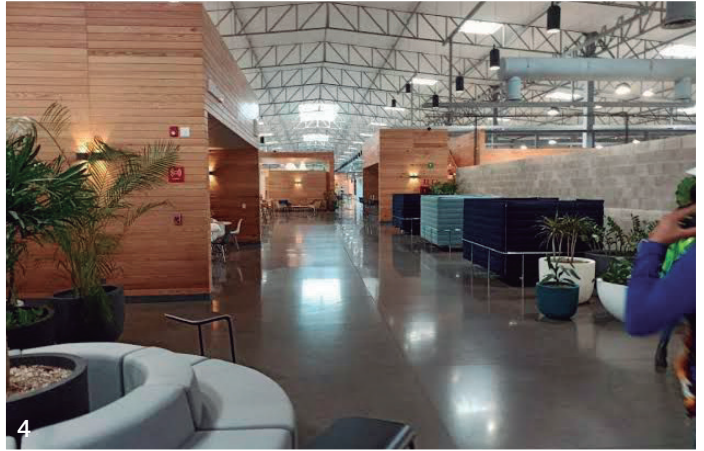
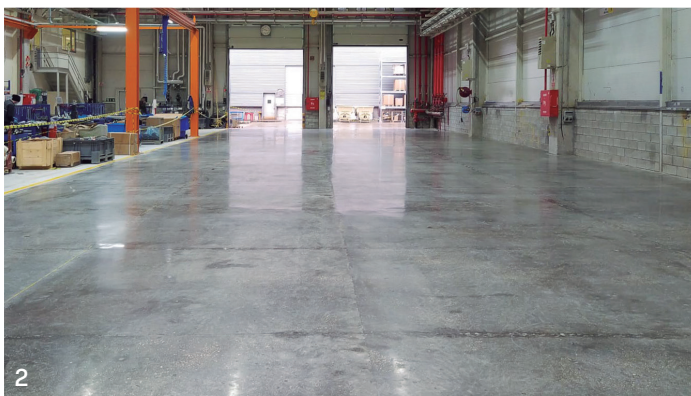
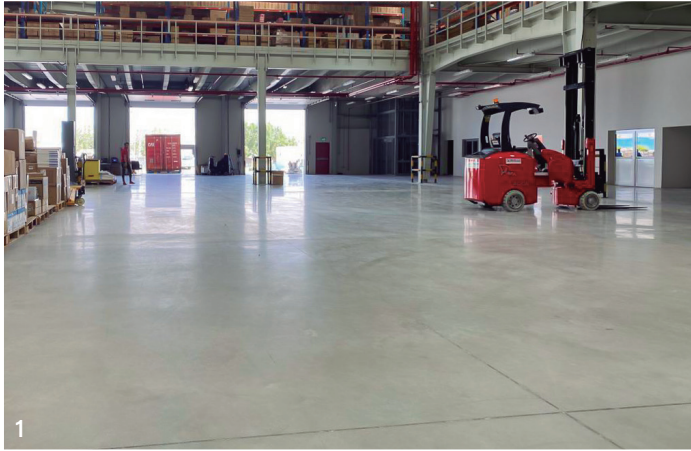
By combining surface densification with a low-emission profile, RINOL**DensiSod** helps create harder, cleaner and easier-to-maintain concrete floors while supporting modern environmental and indoor air quality expectations.



## TRUSTED BY LEADING ORGANISATIONS WORLDWIDE

RINOL**DensiSod** has been specified and applied across millions of square metres in industrial, commercial and logistics facilities across Europe, the Americas and beyond.

The following projects represent a selection of the organisations that have chosen RINOL**DensiSod** for their facilities.



Various customers from different sectors around the world already have a screed treated with RINOL**DensiSod**.

Projects carried out with RINOL**DensiSod**

- |   |                                                       |   |                              |
|---|-------------------------------------------------------|---|------------------------------|
| 1 | Nishat General Company L.L.C.<br>United Arab Emirates | 4 | Coppel Culiacán<br>Mexico    |
| 2 | Putzmeister<br>Turkey                                 | 5 | Prologis Tijuana<br>Mexico   |
| 3 | PriceSmart<br>Colombia                                | 6 | Decathlon Torreón<br>Mexico  |
|   |                                                       | 7 | Cardelle Hidraulica<br>Spain |



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