

RINOL *DRT*

**Your concrete floor.
Harder, cleaner and built to last.**

WHAT HAPPENS TO AN UNTREATED CONCRETE FLOOR

Concrete is one of the most widely used flooring materials in industrial and commercial construction. It is strong, adaptable and cost-effective. But without the right surface treatment, it works against you, generating dust, absorbing contamination and demanding constant, costly attention.

Dust

Untreated concrete floors wear down progressively under traffic. The result is a fine dust that settles on machinery, racking, products and surfaces throughout the facility. It increases cleaning frequency, affects indoor air quality, and accelerates the wear of equipment and vehicles operating on the floor.



Contamination

The open pores of untreated concrete floors absorb oils, chemicals and liquids on contact. Spills become permanent stains. The floor becomes increasingly difficult to clean and, over time, a hygiene and maintenance liability, particularly in food, pharmaceutical and precision manufacturing environments.



Recurring cost

Concrete floors that are not suited to the real operating conditions can degrade under traffic, generate dust and require repeated corrective interventions. In these cases, maintenance cycles become frequent, operations are disrupted, and the underlying problems remain unresolved.



***RINOLDRT addresses all three permanently,
from the first treatment.***

WHAT IS IT

RINOLDRT is a mechanical polishing treatment for concrete floors. Using industrial diamond technology, it grinds and refines the concrete surface, seals its pores and builds a finish that is smooth, dustproof and resistant to daily wear.

HOW IT WORKS

The treatment incorporates a densification step, a chemical process in which a specially formulated product penetrates the concrete and reacts with its internal structure to increase surface hardness and resistance to impact and abrasion.

There is no film, no surface layer and no risk of delamination. The performance of the floor is built in from the first day of treatment.

3 KEY FACTS

- New and existing concrete
- Three finish levels available
- No coatings, no delamination risk



CHOOSE YOUR FINISH

RINOL**DRT** delivers three distinct finish levels to match the functional and aesthetic requirements of any project. The appropriate finish is selected according to the environment, expected traffic and visual specification.



MATT

Dustproof · Subtle sheen

The MATT finish eliminates dust generation, seals the concrete pores and improves resistance to surface wear delivering the performance needed in high-traffic working environments without a decorative specification.

Typical applications:

- Industrial manufacturing and production facilities.
- Logistics centres and distribution warehouses.
- Loading bays and handling areas.
- Technical and service areas.



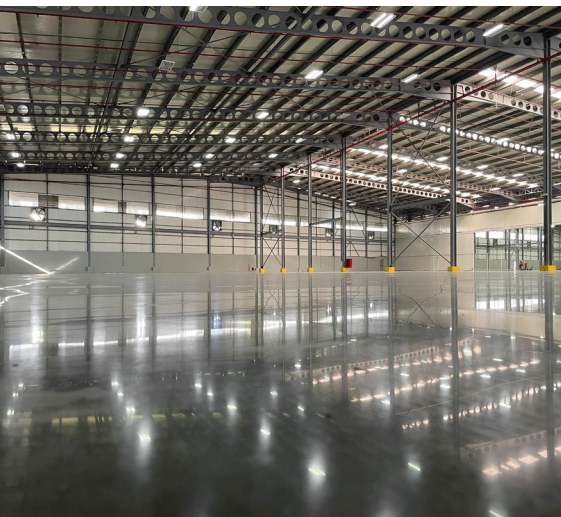
SEMI-GLOSS

Clean finish · Improved reflectance

The SEMI-GLOSS finish combines the durability and low-maintenance properties of the RINOL**DRT** treatment with a clean, professional appearance, meeting the performance requirements of high-footfall commercial environments.

Typical applications:

- Retail environments and supermarkets.
- Showrooms and commercial spaces.
- Public-access and mixed-use buildings.



HIGH-GLOSS

Mirror-like · Maximum reflectivity

The HIGH-GLOSS finish offers the maximum degree of reflectivity available within the RINOL**DRT** system, delivering maximum reflectivity and visual impact.

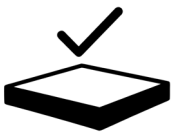
Typical applications:

- Premium showrooms and flagship retail.
- Airports and transport hubs.
- High-profile commercial and public spaces.

Finish level achievable is subject to the condition and quality of the concrete substrate. A preliminary assessment by a RINOL specialist is recommended prior to specifying a finish level.

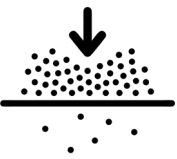
WHY RINOLDRT

RINOLDRT delivers a range of operational, financial and environmental benefits that make it one of the most effective concrete floor treatments available for industrial, logistics and commercial facilities.



No surface layer, no delamination

RINOLDRT works within the concrete, not on top of it. There is no film, coating or surface layer that can peel, crack, bubble or require replacement. The treatment is permanent. Once applied, the improved performance of the floor is maintained for the long term without the recurring costs associated with surface coatings.



Greatly reduced dust formation

The treatment seals the concrete pores and eliminates the micro-roughness that generates dust under traffic and abrasion. The result is a cleaner environment with measurable benefits: less dust settling on stored goods, shelving and working surfaces, reduced cleaning frequency and better air quality for the people working in the facility.



Easy to clean with standard cleaning products

The sealed concrete surface reduces the penetration of oils, greases, liquids and contaminants. Routine cleaning with a pH-neutral detergent and a standard scrubber dryer is sufficient to maintain the floor. No waxes, no specialist chemicals, no complex maintenance procedures.



Improved light reflectance, lower energy costs

The polished surface reflects ambient light back into the space, reducing dependency on artificial lighting. This contributes to measurable energy savings over the lifetime of the floor and improves the working environment for staff operating within the facility.



Increased hardness and abrasion resistance

The densification process permanently increases the surface hardness of the concrete, improving its resistance to traffic, forklift tyres, machinery and impact. The floor performs better and lasts longer and with a proper maintenance programme, its gloss and performance can continue to improve over time.



Certified sustainability

RINOLDRT supports green building requirements. The densifiers and sealers used in the RINOLDRT system are certified Indoor Air Comfort Gold by Eurofins and are free of volatile organic compounds (VOC). They are compatible with the specifications for LEED v4.1 and BREEAM International, and can contribute to the relevant credits within both certification schemes.



BUILT FOR DEMANDING ENVIRONMENTS

RINOLD**DRT** is designed for the treatment of concrete floors in industrial, commercial, logistics and public environments where durability, hygiene and ease of maintenance are operational priorities.



INDUSTRIAL

Manufacturing plants, assembly lines and production facilities demand floors that resist machinery traffic, abrasion and chemical exposure, and that can be kept clean without interrupting operations. RINOLD**DRT** eliminates the generation of dust, increases stain resistance and delivers a surface that is easier to maintain.



LOGISTICS & WAREHOUSING

Distribution centres, storage facilities and loading areas operating under constant forklift traffic and heavy loads require a floor that resists wear and dust generation whilst remaining easy to clean and maintain. RINOLD**DRT** reduces maintenance frequency and keeps logistics operations running without floor-related interruptions.



COMMERCIAL

Retail environments, supermarkets, showrooms and commercial spaces require a floor that performs reliably under high footfall whilst contributing to the visual experience of the space. RINOLD**DRT** delivers the durability and finish quality needed in environments where the floor is as much part of the brand as the products it displays.



TRANSPORT HUBS

Airports, railway stations, bus terminals and transit facilities are subject to continuous heavy pedestrian traffic, rolling loads and stringent hygiene requirements. RINOLD**DRT** provides a surface that is easy to maintain, resistant to wear and visually consistent with the standards expected of major public infrastructure.

TRUSTED BY LEADING ORGANISATIONS WORLDWIDE

RINOLDRT has been specified and installed 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 RINOLDRT for their facilities.



1 | **Costco**
Retail · Europe / Americas

3 | **Prologis**
Logistics · Europe / Americas

5 | **LACROIX**
Electronics Manufacturing · Europe

2 | **Gruppo Colle**
Textile · Europe

4 | **Decathlon**
Retail · Europe / Americas

6 | **VGP**
Industrial Logistics · Europe



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for professional
environments



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Discover more
about **RINOL**
flooring solutions

