

RINOL CRETE

High-performance polyurethane-
cement flooring systems for demanding
environments



Founded in Germany over 60 years ago, RINOL was created with a clear mission: to develop continuous resin flooring systems capable of performing in the most demanding industrial environments. Over decades, the brand has built a strong reputation among organisations that cannot afford downtime, combining long-term experience with ongoing R&D and carefully engineered application details to deliver surfaces that last and perform consistently.

Beyond products, RINOL supports customers throughout the project with guidance and specialist assistance to match real operational needs.

What distinguishes RINOL is its integrated, manufacturer-driven approach: system components are developed, produced, and tested ensuring consistent quality, fast availability, and reliable performance across applications. Today, as part of the RCR Industrial Flooring group, RINOL stands alongside other established brands yet remains focused on high-performance flooring solutions engineered for demanding environments.

RINOL is also among the most extensively certified options in its category: the organisation operates under internationally recognised management standards (ISO 9001, ISO 14001 and ISO 45001), and several RINOL products are certified to meet rigorous performance and safety requirements for specific applications.

RCR Industrial Flooring

RCR Industrial Flooring is an international group that delivers high-performance industrial flooring solutions for demanding environments where performance and reliability are critical, across a wide range of sectors and applications. Founded in 2006 through the integration of long-established European expertise, the group was created to offer a more complete approach that combines technical design, system capability, and specialist execution within one global organisation.

Over time, continuous growth in existing and new markets, both organically and through complementary acquisitions, has strengthened RCR Industrial Flooring's international presence and know-how, integrating decades of technical and market experience in industrial flooring.

What defines RCR Industrial Flooring today is the ALL IN ONE model: a complete flooring solution managed from start to finish with a single technical criterion. Through its three Divisions (**Services, Products & Applications**) the group can support the entire process, from design and engineering to the supply of high-quality materials and specialised installation, ensuring consistency, quality control, and dependable results across complex projects.

As part of this integrated structure, **RINOL**, **ROCLAND** and **PERMABAN** bring together dedicated expertise: RINOL in high-performance resin flooring systems, ROCLAND in surface hardeners and concrete additives, and PERMABAN in armoured joints and formwork solutions. This combination gives customers access to a broader range of solutions and stronger technical support, while preserving each brand's specialised focus.

The Reality of Food Processing Environments

Frequent exposure to water, fats, acids, sugars and aggressive cleaning chemicals

RINOLCRETE helps protect the floor thanks to its high chemical resistance and dense, impermeable surface, making it suitable for food processing environments exposed to aggressive substances.

Heavy traffic, pallet movement and constant mechanical impact

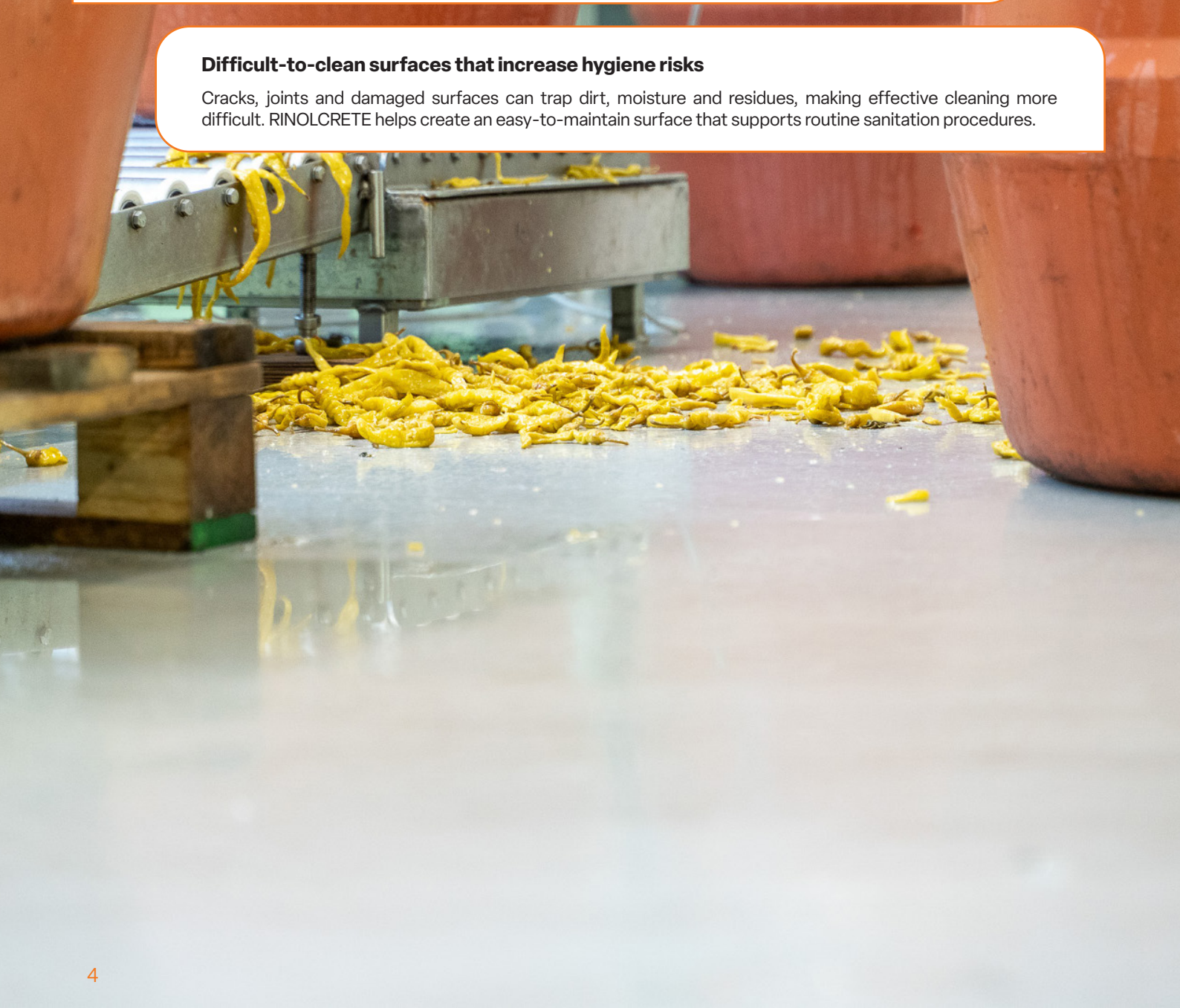
RINOLCRETE is designed to withstand mechanical stress, heavy loads and impact, helping reduce cracking, wear and premature deterioration in demanding industrial areas.

Thermal shock caused by hot washdowns, steam cleaning and cold storage

RINOLCRETE systems offer strong resistance to thermal shock and can perform across wide temperature ranges, making them suitable for both cold rooms and areas exposed to hot liquids or cleaning processes.

Difficult-to-clean surfaces that increase hygiene risks

Cracks, joints and damaged surfaces can trap dirt, moisture and residues, making effective cleaning more difficult. RINOLCRETE helps create an easy-to-maintain surface that supports routine sanitation procedures.



Engineered for Hygienic and Continuous Production

In food and beverage facilities, flooring is an integral part of the production environment. It must withstand demanding operating conditions while supporting hygiene, safety and process continuity throughout the facility. The performance of the floor directly influences cleaning efficiency, maintenance requirements and the long-term reliability of production areas.

For this reason, selecting a flooring system goes beyond choosing a surface with high mechanical or chemical resistance. It requires a solution designed to meet the specific demands of food production, combining durability, cleanability and operational performance to support efficient manufacturing and compliance with modern industry standards.



Hygienic Performance & Certifications for Food & Beverage facilities

Certifications provide a clear and reliable framework for assessing whether a flooring system is suited to the **hygiene**, **safety** and **performance** demands of food and beverage environments. Through recognised **test methods** and **classifications**, they help verify essential characteristics such as cleanability, slip resistance, durability, fire behaviour, chemical resistance and indoor air quality. They also support specification in environments where hygienic control and compliance are key requirements, including areas managed according to **HACCP** principles.

In this context, certifications should not be seen as simple labels, but as practical tools for evaluating how a system is expected to perform under real operating conditions. They help translate technical data into meaningful specification criteria, making it easier to compare solutions and align product selection with the needs of each area.

For specifiers, contractors and end users, this means greater clarity during the decision-making process and greater confidence in the selected flooring system. A **certified** and well-documented solution supports not only technical performance, but also the broader objective of maintaining **safe**, **efficient** and **hygienic production** environments over time.

Supporting HACCP Compliance



Certifications and **HACCP**-related requirements help define whether a flooring system is **suitable** for **hygienic production areas**. They provide a clear reference for evaluating performance in terms of **cleanability**, **safety**, **durability** and compliance under demanding operating conditions.

For food environments, this means greater confidence that the selected system can support hygiene protocols, daily cleaning procedures and the **practical needs** of controlled production areas.



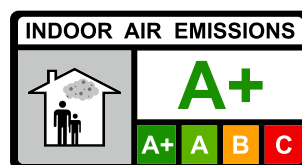
Low-Emission Solutions for Industries



Indoor environmental quality is increasingly relevant in processing and packaging environments. For this reason, selected RINOL systems use products certified according to **Eurofins Indoor Air Comfort Gold**, combining high-performance flooring technology with very **low VOC emissions** and **certified compliance** with leading indoor air quality requirements.

Below is the portfolio of certifications that can support specification where required:

- Belgian VOC regulation
- France VOC class A+
- AgBB/ABG (Germany)
- Italian CAM Edilizia: premium score
- EU Taxonomy Regulation
- LEED (ACP)
- BREEAM New Construction
- BREEAM In Use
- WELL Building
- DGNB
- QNG (Germany)
- SKA Rating
- French HQE certification
- Austrian Baubook
- M1
- Danish Indoor Climate Label (Emission Class 1)
- BVB (Sweden)
- Miljöbyggnad (Sweden)
- Eco Product Norway
- SINTEF (Norway)
- Cradle to Cradle
- Very low emitting products according to EN 16798-1
- Global GreenTag
- Declare 2.0





RINOLCRETE STANDARD

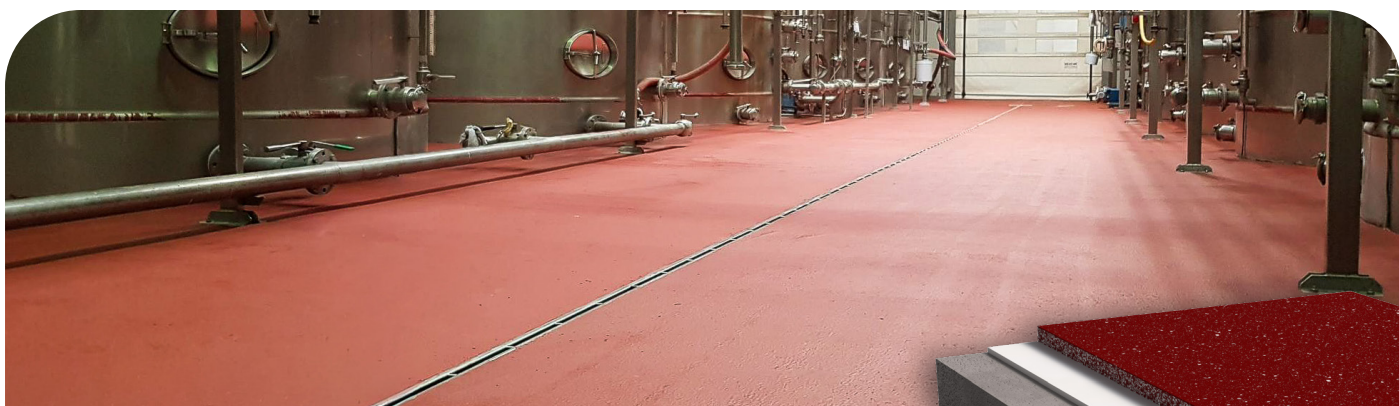
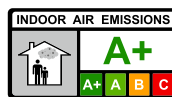
It is a self-levelling polyurethane cement mortar based floor coating, spill and chemical resistant. It offers excellent impact resistance and is designed to withstand temperature fluctuations while preventing bacterial growth.

AREAS OF APPLICATION

- » Industrial kitchens
- » Laboratories
- » Warehouses
- » Food processing plants
- » Packing rooms
- » Dry and wet product manufacturing

Self-Levelling Coating
RINOLCRETE PU-C560
Primer
RINOLCRETE PU-P250

CERTIFICATIONS



RINOLCRETE HEAVY DUTY

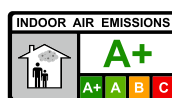
It is a highly resistant anti-slip coating based on polyurethane mortar, designed for environments where floors are often wet and at the same time subjected to high mechanical, thermal or chemical stresses.

AREAS OF APPLICATION

- » Industrial kitchens
- » Laboratories
- » Warehouses
- » Food processing plants
- » Packing rooms
- » Dry and wet product manufacturing

Mortar Coating
• RINOLCRETE PU-C550
• RINOLCRETE PU-C550RT
• RINOLCRETE PU-C555
Primer (Optional)
RINOLCRETE PU-P250

CERTIFICATIONS





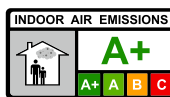
RINOLCRETE ANTI-SLIP

It is a premium multilayer resin-based floor coating for areas with a high risk of slips. It has outstanding resistance to both abrasion and impact, can withstand liquid spills and discharges and remains effective even in freezer conditions.

AREAS OF APPLICATION

- » Industrial kitchens
- » Packing rooms
- » Laboratories
- » Food processing plants
- » Warehouses and logistics
- » Dry and wet product manufacturing

CERTIFICATIONS



Finish
RINOLCRETE PU-C565
Self Levelling Coating
RINOLCRETE PU-C560
Primer (Optional)
RINOLCRETE PU-P250



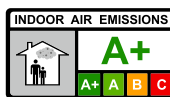
RINOLCRETE CONDUCTIVE

It is a three-layer polyurethane cement system that combines safe electrostatic discharge for sensitive environments, tested in accordance with DIN EN 1081 and DIN EN 61340, with high chemical and thermal resistance. Ideal for medium to heavy-duty use.

AREAS OF APPLICATION

- » Warehouses and logistics
- » Cold storage and refrigerated areas
- » Electronics industry
- » Chemical & Pharmaceutical industry
- » Food and beverage processing plants
- » Aerospace and aviation industry

CERTIFICATIONS



Self Levelling Coating
RINOLCRETE PU-C560 AS
Conductive Layer with copper tape
RINOL EP-E480
Primer
RINOLCRETE PU-P250



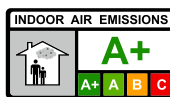
RINOLCRETE CONDUCTIVE ANTI-SLIP

It is a four-layer polyurethane cement system that combines safe electrostatic discharge for sensitive environments, tested in accordance with DIN EN 1081 and DIN EN 61340, with high chemical and thermal resistance. Ideal for medium to heavy-duty use.

AREAS OF APPLICATION

- » Cold storage and refrigerated areas
- » Chemical & Pharmaceutical industry
- » Food and beverage processing plants
- » Warehousing and logistics
- » Aerospace and aviation industry

CERTIFICATIONS



Top Coat

RINOLCRETE PU-C565

Conductive Body coat

RINOLCRETE PU-C560 AS

+ RINOL QS AST
scattering

Conductive layer with copper tape

RINOL EP-E480

Primer

RINOLCRETE PU-P250

Available Colours for RINOLCRETE Systems

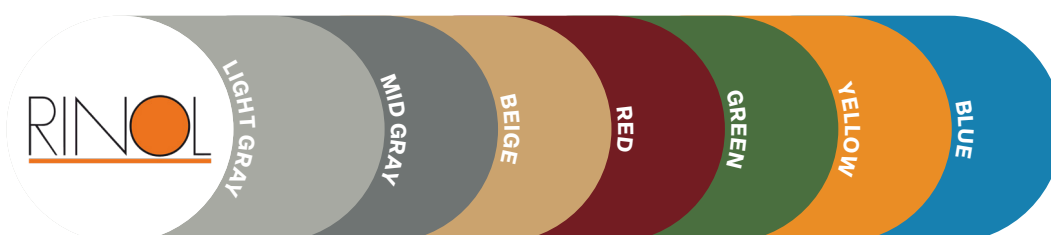
RINOLCRETE systems stand out for their top-tier performance, safety, and aesthetic versatility. Each colour is carefully chosen for both its visual appeal and its resilience against demanding conditions. With a diverse range of coating systems and an even broader palette of shades, surfaces can be tailored to specific design concepts. This allows for areas like storage, production zones, and driveways to be easily distinguished by colour.

Benefits of Colour Design:

- » **Aesthetics:** Elevate spaces with a representative appearance.
- » **Customisation:** Design tailored to unique preferences.
- » **Safety:** Colour coding enhances occupational safety
- » **Guidance:** Clearly marked escape routes for emergencies.

Our commitment ensures that our colours not only beautify spaces but also enhance functionality and safety.

*These samples should be taken as references only. Colours may vary due to UV light or other atmospheric factors at the time of application.





#RCRFlooringProducts

RINOL





High-performance flooring systems

for professional
environments



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Discover more
about **RINOL**
flooring solutions

