

RINOL Food & Beverage

Hygienic flooring 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.

Food & Beverage

RINOL develops solutions conceived for the complex and highly regulated Food & Beverage industry. In environments where **operational continuity, hygiene control, and safety** are essential, our approach focuses on creating reliable systems that support **stable, efficient production processes**. Rather than adapting standard solutions, RINOL designs with the specific dynamics of food and beverage facilities in mind.

By combining industrial expertise with a deep understanding of food production environments, RINOL supports manufacturers in maintaining consistent output while meeting strict industry expectations. The result is a solution framework that enables **controlled, well-organized, and compliant production spaces**, aligned with long-term operational goals.



Key Characteristics for Hygienic Production Environments

Food and beverage facilities require solutions that combine mechanical strength with the highest hygienic standards.

RINOL systems are engineered to provide excellent **resistance to wear, chemicals, and cleaning agents** commonly used in food processing environments, ensuring long-term stability and reliable performance. Surface properties are designed to support **hygiene management** by facilitating cleaning and reducing contamination risks, while contributing to **safe working conditions** for operators.

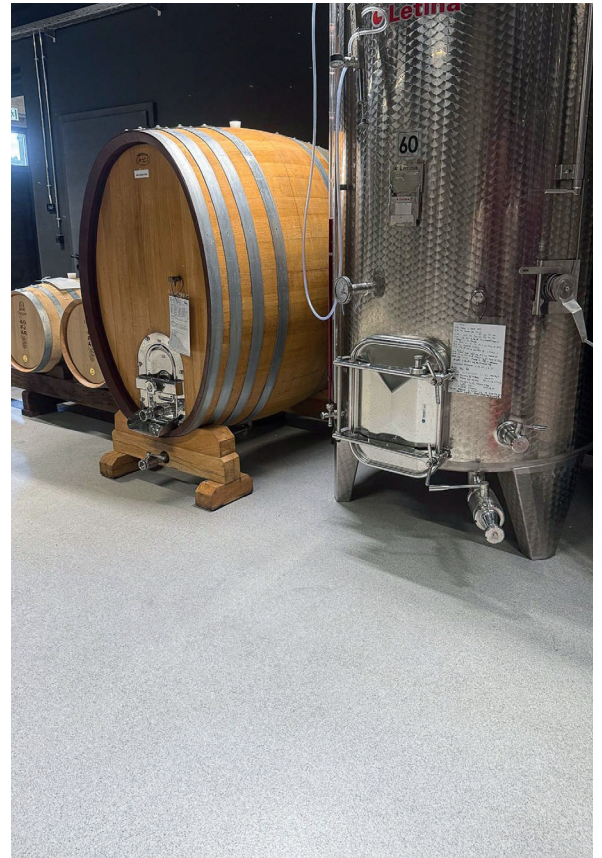
Adaptability is a key factor: RINOL solutions integrate seamlessly into production areas, processing lines, and logistics zones, minimizing downtime and supporting operational continuity. **Compliance** with international food safety regulations, careful material selection, and attention to sustainability complete an approach focused on efficiency, safety, and lasting value.

Different Areas, Different Priorities

Within food and beverage facilities, each area presents specific **operational and hygienic requirements**.

Processing zones, packaging areas, cold storage, and logistics spaces all require targeted performance characteristics. RINOL addresses these differences by offering tailored solutions designed to match the functional priorities of each environment.

Dry areas often call for **durable, easy-to-maintain surfaces** able to support regular traffic and equipment movement, while wet zones may require enhanced **slip resistance** and greater resistance to frequent washdowns. Storage, service and support spaces can introduce additional priorities related to **safety, practicality and cleaning intensity**. By responding to the real demands of each area, RINOL helps food and beverage producers create more efficient, well-coordinated and dependable facilities.



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.



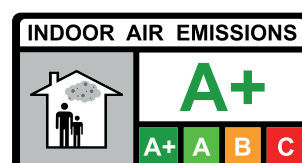
Low-Emission Solutions for Industries



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

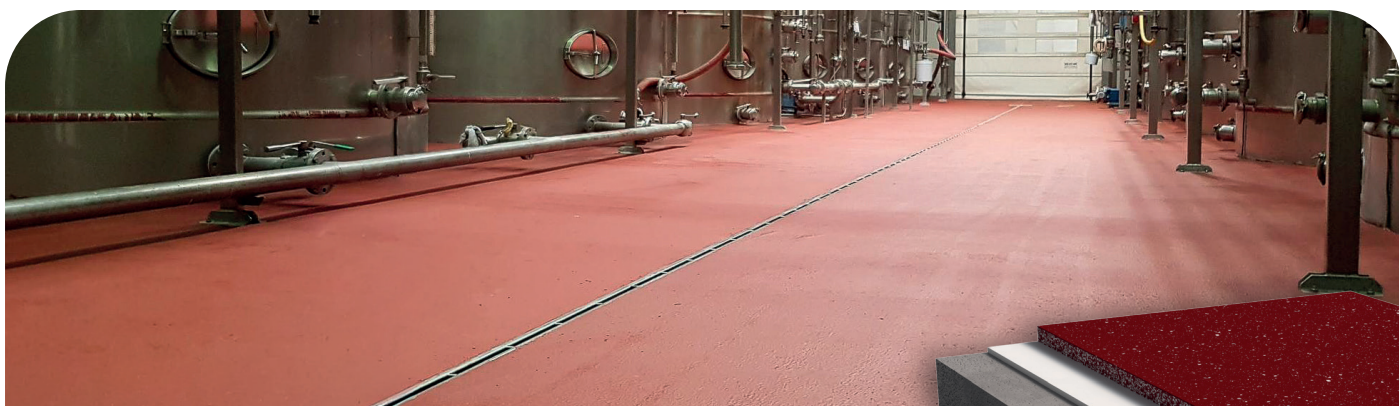
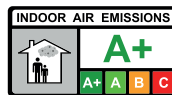
It is a self-levelling polyurethane cement mortar based floor coating, spill and chemical resistant. It offers excellent impact resistance and is designed to withstand temperature fluctuations while preventing bacterial growth.

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

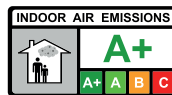
It is a highly resistant anti-slip coating based on polyurethane mortar, designed for environments where floors are often wet and at the same time subjected to high mechanical, thermal or chemical stresses.

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





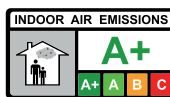
RINOLCRETE ANTI-SLIP

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



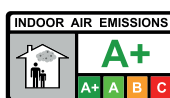
RINOLCRETE CONDUCTIVE

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



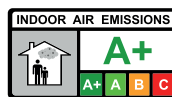
RINOLCRETE CONDUCTIVE ANTI-SLIP

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
- » Warehousing and logistics
- » Food and beverage processing plants
- » 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



RINOLSEALING CR

It is a jointless sealing system ideal for light to medium-duty industrial floors. The system hardens and protects surfaces, offering dust-binding, chemical resistance, and seamless application, with the option of a slip-resistant finish where required.

AREAS OF APPLICATION

- » CLEANROOMS
- » Secondary containment basins
- » Battery plants
- » Chemical and Pharmaceutical plants

CERTIFICATIONS



**Cleanroom®
Suitable
Materials**

Sealer

RINOL EP-C529

Primer

RINOL EP-P202 or alternative
RINOL Epoxy primer



RINOL**STANDARD CR**

It is a two-layer, chemical resistant epoxy coating system ideal for medium to heavy duty industrial floors. It offers seamless finishes, durability, smooth and easy to clean surface.

AREAS OF APPLICATION

- » Production facilities
- » Chemical & Pharmaceutical industry
- » Aircraft hangars
- » Warehouses and storage areas
- » Laboratories

Top Coat
RINOL EP-C529

Primer
RINOL EP-P202 or alternative
RINOL Epoxy primer

CERTIFICATIONS



RINOL**ALLROUNDER CR**

It is a three-layer, epoxy coating system ideal for medium to heavy duty floors exposed to chemical agents. It offers seamless finishes, durability, and the option for slip-resistant surfaces.

AREAS OF APPLICATION

- » Chemical and Pharmaceutical areas
- » Battery plants
- » CLEANROOMS
- » Secondary containment basins

Top Coat
RINOL EP-C529

Levelling Coat
RINOL EP-L300

Primer
RINOL EP-P202 or alternative
RINOL Epoxy primer

CERTIFICATIONS





RINOLSEALING

It is a jointless sealing system ideal for light to medium duty industrial floors. The system hardens and protects surfaces, offering dust-binding and seamless application, with the option for slip-resistant surfaces.

AREAS OF APPLICATION

- » Warehouses and storage areas
- » Garages and car parks
- » Pedestrian areas

One system, two options to meet your project needs:
Available in standard and **low-emission** versions



RINOLSEALING

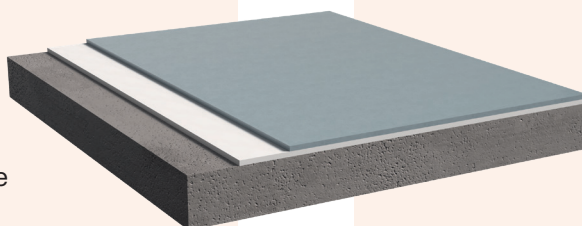
RINOLSEALING LE

Sealer

RINOL EP-S600 or
RINOL EP-C527

Primer

RINOL EP-P202 or alternative
RINOL Epoxy primer



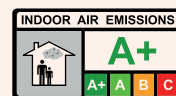
Sealer

RINOL EP-S608

Primer

RINOL EP-P218 or
RINOL EP-P228

CERTIFICATIONS





RINOL*STANDARD*

It is a two-layer, epoxy coating system ideal for medium to heavy duty industrial floors. It offers seamless finishes, durability, smooth and easy to clean surface.

AREAS OF APPLICATION

- » Production facilities
- » Laboratories
- » Supermarkets
- » Aircraft hangars
- » Warehouses and storage areas

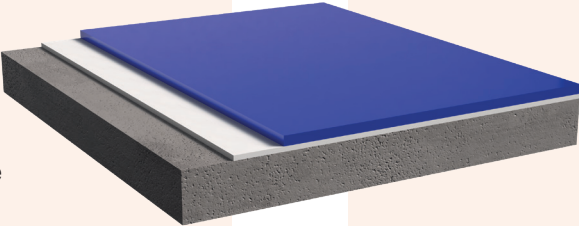
One system, two options to meet your project needs:
Available in standard and **low-emission** versions



RINOL*STANDARD*

RINOL*STANDARD LE*

Top Coat
RINOL EP-C523 or
RINOL EP-C527
Primer
RINOL EP-P202 or alternative
RINOL Epoxy primer

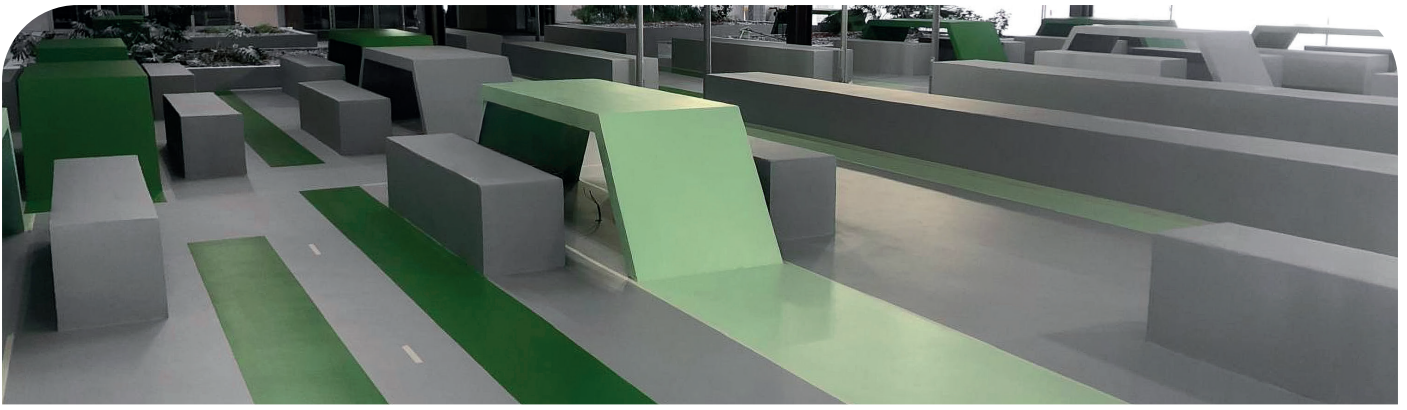


Top Coat
RINOL EP-C528
Primer
RINOL EP-P218 or
RINOL EP-P228

CERTIFICATIONS



* Cleanroom certification is valid only when EP-C523 is used as Top Coat.



RINOLALLROUNDER EP

It is a three-layer, epoxy coating system ideal for medium to heavy-duty floors. It offers seamless finishes, durability, and the option for slip-resistant surfaces.

AREAS OF APPLICATION

- » Car parks
- » Laboratories
- » Warehouses and storage areas
- » Aircraft hangars
- » Supermarkets

One system, two options to meet your project needs:
Available in standard and **low-emission** versions



RINOLALLROUNDER EP

RINOLALLROUNDER LE

Top Coat

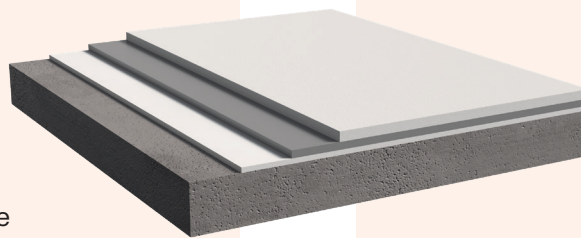
RINOL EP-C523 or
RINOL EP-C527

Levelling Coat

RINOL EP-L300

Primer

RINOL EP-P202 or alternative
RINOL Epoxy primer



Self-Levelling Top Coat

RINOL EP-C528

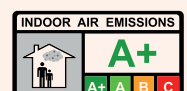
Levelling Coat

RINOL EP-L308

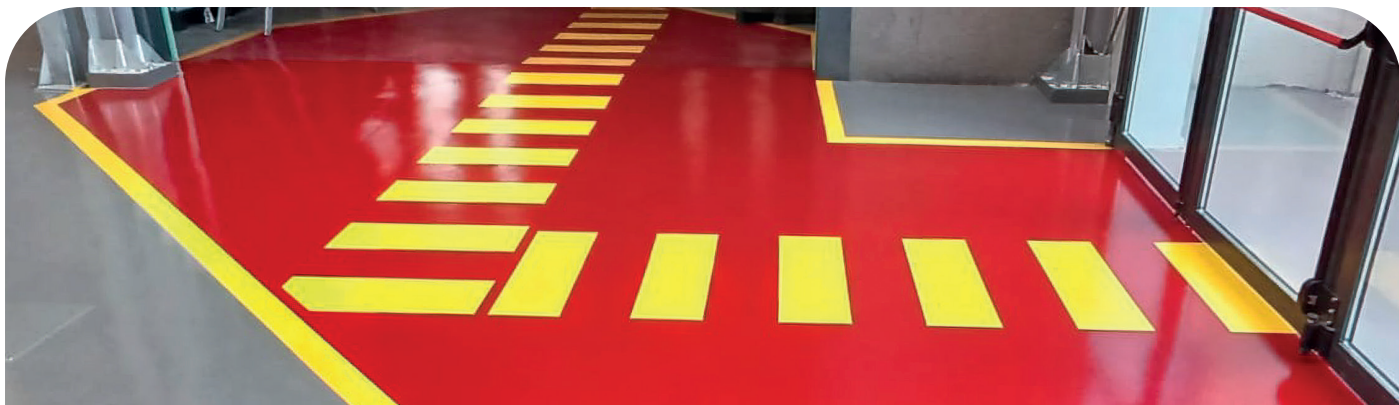
Primer

RINOL EP-P218 or
RINOL EP-P228

CERTIFICATIONS



* Cleanroom certification is valid only when EP-C523 is used as Top Coat.



RINOLMORTAR

It is a multi-coat, epoxy screed system designed for dry or wet high traffic areas, ideal for medium to heavy duty industrial floors. It offers impact and compressive strength, chemical resistance, durability and customisable slip resistance, making it ideal for safety critical environments and food facilities.

AREAS OF APPLICATION

- » Aircraft hangars
- » Automotive industry
- » Pharmaceutical industry
- » Food & beverage and packaging areas
- » Manufacturing and industrial facilities

One system, two options to meet your project needs:
Available in standard and **low-emission** versions



RINOLMORTAR

Colored sealer

RINOL EP-C523 or
RINOL EP-C527

Pore filler

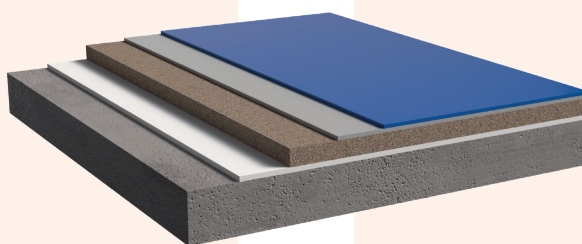
RINOL EP-L300

Resin screed

RINOL EP-P201 or
RINOL EP-T700
+ RINOL DUROMIX 3

Primer

RINOL EP-P202 or alternative
RINOL Epoxy primer



RINOLMORTAR LE

Colored sealer

RINOL EP-C528 or
RINOL EP-S608

Pore filler

RINOL EP-L308

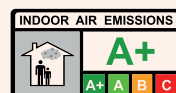
Resin screed

RINOL EP-P218
+ RINOL DUROMIX 3

Primer

RINOL EP-P218 or
RINOL EP-P228

CERTIFICATIONS



* Cleanroom certification is valid only when EP-C523 is used as Sealer.

* Cleanroom certification is valid only when EP-C528 is used as Sealer.



RINOLQCR

It is a multi-coat coloured quartz based epoxy system designed for dry or wet medium to heavy traffic areas. It offers chemical resistance, durability and customisable slip resistance, making it ideal for safety critical environments and food facilities.

- AREAS OF APPLICATION**
 - » Commercial kitchens
 - » Wet processing areas
- » Canteens
 - » Dining halls
- » Food and beverage, manufacturing and packaging areas

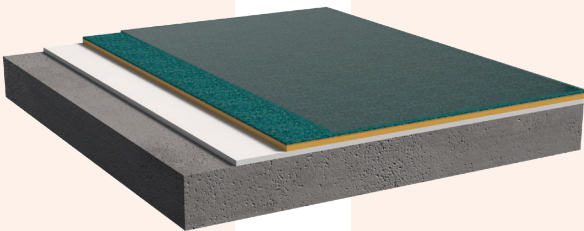
One system, two options to meet your project needs:
Available in standard and **low-emission** versions



RINOLQCR

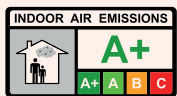
RINOLQCR LE

Transparent Sealer
RINOL EP-QC714
Intermediate Layer
RINOL EP-QC212
Primer / Regulating Layer
RINOL EP-QC209



Transparent Sealer
RINOL EP-T718
Intermediate Layer
RINOL EP-P218
Pigmented
Primer / Regulating Layer
RINOL EP-P218

CERTIFICATIONS





RINOLQCR AST

It is a four-layer, multi-coat coloured quartz epoxy system that ensures safe electrostatic discharge for sensitive environments, tested accordance with DIN EN 61340-5-1. It is designed for medium to heavy-duty use.

AREAS OF APPLICATION

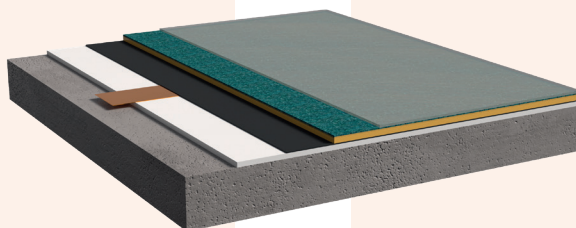
- » Operating theatres
- » CLEANROOMS
- » Power stations
- » ATEX areas
- » Heliports
- » Electronics industry
- » Transformers and substations

One system, two options to meet your project needs:
Available in standard and **low-emission** versions



RINOLQCR AST

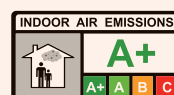
Transparent Sealer
RINOL EP-QC714
Intermediate layer
RINOL EP-QC547AS
Conductive layer
RINOL EP-QC483AS
Primer / Regulating layer
RINOL EP-QC209

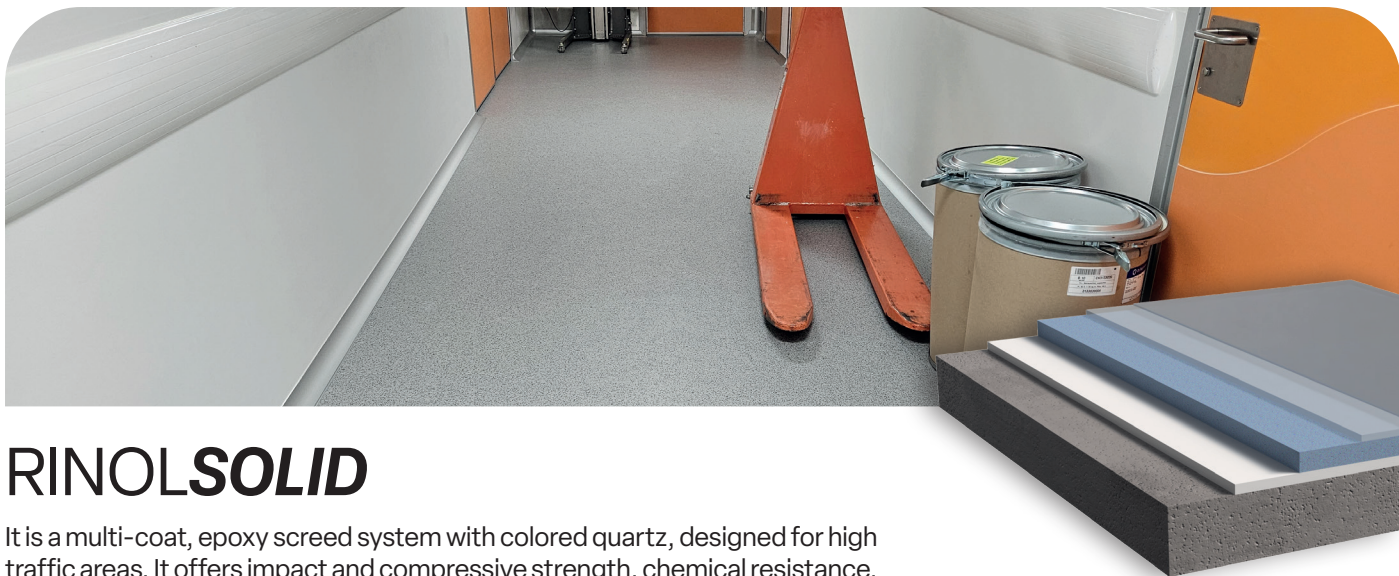


RINOLQCR AST LE

Transparent Sealer
RINOL EP-T718
Intermediate layer
RINOL EP-C528AS
Conductive layer
RINOL EP-E480 or
RINOL EP-E480AS CH
Primer / Regulating layer
RINOL EP-P218

CERTIFICATIONS





RINOL SOLID

It is a multi-coat, epoxy screed system with colored quartz, designed for high traffic areas. It offers impact and compressive strength, chemical resistance, durability and customisable slip resistance, making it ideal for safety critical environments and food facilities.

AREAS OF APPLICATION

- » Laboratories
- » Supermarkets
- » Car parks
- » Warehouses and storage areas

CERTIFICATIONS



Colored sealer

RINOL PU-TS686 or
RINOL PU-TS688

Transparent sealer

RINOL EP-T710

Resin screed

RINOL EP-T700

+ RINOL QCR colored quartz

Primer

RINOL EP-P202 or alternative
RINOL Epoxy primer



RINOLETEC V

It is a three- or four-layer, epoxy system that ensures safe electrostatic discharge for sensitive environments tested in accordance with EN 61340-5-1. It is designed for medium- to heavy-duty use.

AREAS OF APPLICATION

- » Operating theatres
- » CLEANROOMS
- » ATEX areas
- » Battery plants
- » Transformers and substations
- » Electronics industry
- » Power stations

CERTIFICATIONS



Cleanroom®
Suitable
Materials

Conductive Self-Levelling Top Coat

RINOL EP-C549

Conductive Layer with Copper Tape

RINOL EP-E482

Levelling Coat (Optional)

RINOL EP-L300 or
RINOL EP-P206

Primer

RINOL EP-P202 or alternative
RINOL Epoxy primer



#RCRFlooringProducts

RINOL





High-performance flooring systems

for professional
environments



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flooring solutions

