

CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

HIGH-PERFORMANCE INDUSTRIAL FLOORING SYSTEM WITHOUT SHRINKAGE CONTROL JOINTS

SYSTEM DESCRIPTION:

The RCR CONDUCTIL SFRC (Steel Fibres Reinforced Concrete) system provides a high abrasion resistant flooring with a low maintenance, due to a last generation hardener, special construction joints and the lack of shrinkage control joints.

It is designed with large surface slabs (large-bay method) using the most advanced mechanical methods for reinforcement and levelling and applying a hardener wet on wet, trowelling and surface curing.

ADVANTAGES OF THIS SYSTEM:

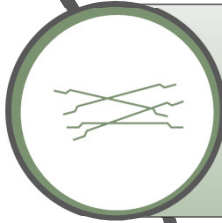
This high performance system is developed specially for those solutions required for any application where low maintenance of the floor is essential.

- Distribution warehouses and logistic centres.
- Warehouses with high product rotation
- Industries with high traffic volumes
- Heavy industries



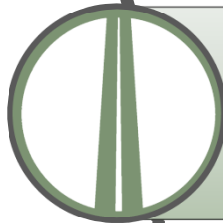
CONCRETE:

- > Grade: C25/30 (minimum cement content: 300 kg/m³).
- > Prescription checked by the engineering company **MONOFLOOR**
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



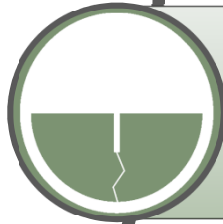
REINFORCEMENT:

- > High performance steel fibres: **RINOL TWINPLATE**, **DRAMIX 3D 80/60 BG**, **DRAMIX 3D 65/60BG**
- > Minimum fibre dosage: 30 kg/m³
- > Combined with steel bar or mesh to meet structural requirements



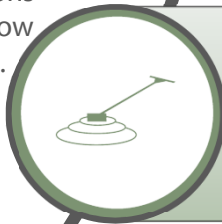
CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > No control joints (JOINTLESS).



FINISH:

- > **ROCLAND** hardeners: according to use and traffic.
- **QUALIDUR** - **QUALITOP Millenium**
- **QUALITOP Titanium**
- > Availability of colour according to technical data sheet.



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay
- > Placing and levelling: automatized screeding machines **SOMERO** (Laser Screed) or manual screed and highway straightedge.
- > Dryshake hardener application: Mechanical spreading: **SOMERO** (Topping Spreader) or manual dispenser depending on placing method. Minimum dosage 4kg/m²
- > Hardener applied as mortar wet on wet with manual spreading. Minimum dosage 10kg/m²
- > Execution guidelines and site supervision by engineering company **MONOFLOOR**.





RCR CONDUCTIL SFRC

High-performance industrial flooring system
without shrinkage control joints

RCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCR CONDUCTIL SFRC
- RCR CONDUCTIL VRS
- RCR SILIFIBRE
- RCR BASETEC
- RCR PILETEC
- RCR TENSILE
- RCR ADAPTA
- RCR DISPERSIVE
- RCR INDUSTRIES
- RCR MASTER MALL
- RCR AGROMARK
- RCR PRECISION
- RCR ECOSTOCK
- RCR FROST
- RCR SPORTIVE
- RCR MASTER

RCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCR Flooring Services partner.



Leaders of the flat world
www.rcrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INDUSTRIAL FLOORING SYSTEM PROVIDING A HIGH PERFORMANCE AND VOLUMETRIC STABILITY WITHOUT SHRINKAGE CONTROL JOINTS, REGARDLESS OF THE GEOMETRY

SYSTEM DESCRIPTION:

The RCR CONDUCTIL VRS (Volumetric retraction stability) system provides a flooring that will demand a minimum maintenance due to the total lack of joints and to the high surface impermeability.

Designed for slabs and narrow aisles, the system allows different length width ratios, adapting the slabs to the project geometry. Likewise it happens in traditional methods, the most advanced mechanical levelling methods are used. This system makes the flooring achieve a lower porosity, increasing, consequently, the suitability for areas where spills or stains could be produced.

ADVANTAGES OF THIS SYSTEM:

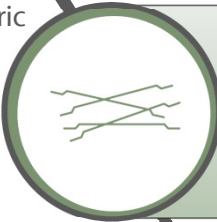
This system is specially recommended for industrial activities with a heavy flooring use:

- Logistics companies
- Warehouses with high product rotation
- Industries with high traffic volume
- Heavy industries
- Agri food industries



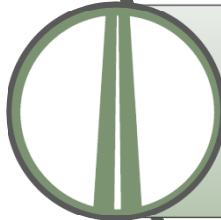
CONCRETE:

- > Grade: C25/30 (**maximum** cement content: 300 kg/m³).
- > Prescription checked by engineering company **MONOFLOOR**.
- > Plasticiser: **RINOL ROC FLUID** (dose according to requirements)
- > Volumetric stability additive required **LINK EVR** (according to formula)



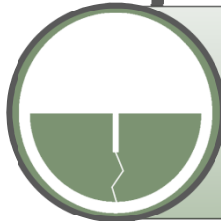
REINFORCEMENT:

- > High performance steel fibres: **RINOL TWINPLATE, DRAMIX 3D 80/60 BG, DRAMIX 3D 65/60BG**
- > Minimum fibre dosage: 10 kg/m³
- > Supplementary reinforcement with steel bars or welded wire mesh (according to design requirements).



CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > No control joints(JOINTLESS).



FINISH:

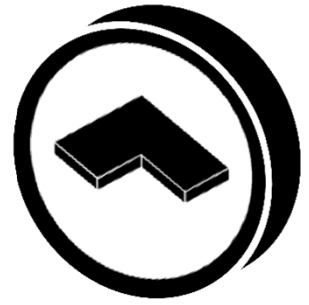
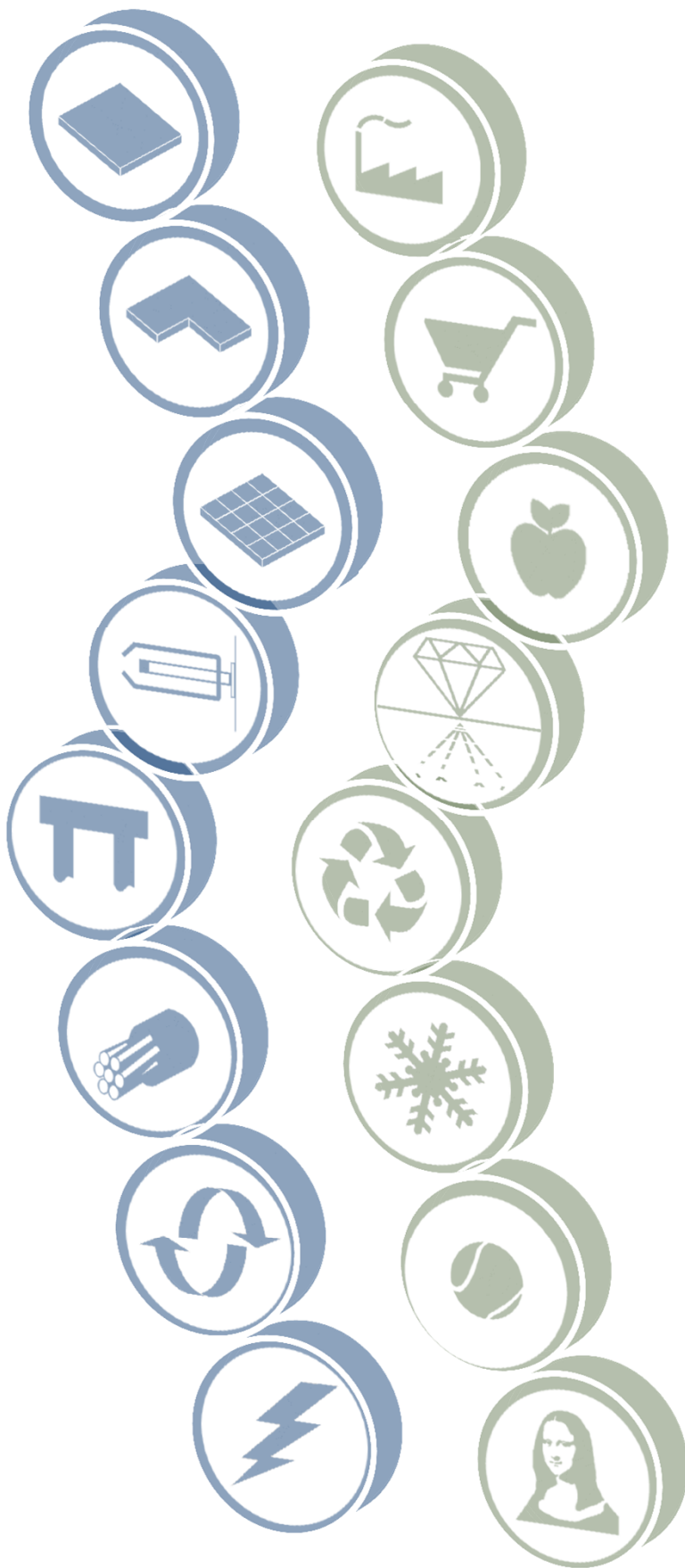
- > **ROCLAND** hardeners: according to use and traffic.
- **QUALIDUR** - **QUALITOP Millenium**
- **QUALITOP Titanium**
- > Availability of colour according to technical data sheet.



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay. Suitable for irregular geometry
- > Placing and levelling: automatized screeding machines **SOMERO** (Laser Screed) or manual screed and highway straightedge.
- > Dryshake hardener application: Mechanical spreading: **SOMERO** (Topping Spreader) or manual dispenser depending on placing method. Minimum dosage 4kg/m².
- > Execution guidelines and site supervision by engineering company **MONOFLOOR**.





RCR CONDUCTIL VRS

Industrial flooring system providing a high performance and volumetric stability without shrinkage control joints, regardless of the geometry

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

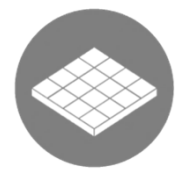
Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world

www.rcrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETTEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

EXECUTION SYSTEM FOR TRADITIONAL INDUSTRIAL FLOORING,
ADAPTABLE TO EVERY ACTIVITY

SYSTEM DESCRIPTION:

The RCR SILIFIBRE system provides an industrial steel fibres reinforced concrete flooring.

A high performance industrial flooring with a resistant hardener surface and special construction joints. Designed to be applied in large surface slabs (large-bay method) with mechanised methods for levelling, vibrating and hardener applying.

The RCR SILIFIBRE system is recommended for every industrial activity:

- Logistics and warehouses
- Machining industries and factories
- Parking lots and heavy vehicles path
- Retail
- Transport stations (ports, railway stations)
- Recycling industry

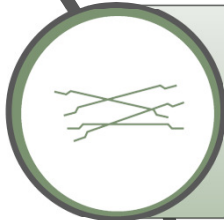
ADVANTAGES OF THIS SYSTEM:

- High resistance
- Long durability
- Versatility for different uses and activities



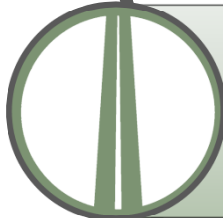
CONCRETE:

- > Grade: C25/30 (minimum cement content: 300 kg/m³).
- > Prescription checked by the engineering company **MONOFLOOR**.
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



REINFORCEMENT:

- > Reinforcement steel fibres: steel fibres, dosage according to design.
- > Supplementary reinforcement with steel bars or welded wire mesh (according to design requirements).



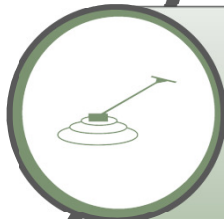
CONSTRUCTION JOINTS:

- > **PERMABAN:**
 - ECLIPSE JOINT
 - SIGNATURE JOINT
 - ALPHA JOINT
- > Traditional joints. With dowels



CONTROL JOINTS:

- > Joints cut with pavement saw.
- > Cuts will have a depth of 1/3 of total slab thickness.



FINISH:

- > **ROCLAND QUALITOP Millenium**
- > Minimum dosage:

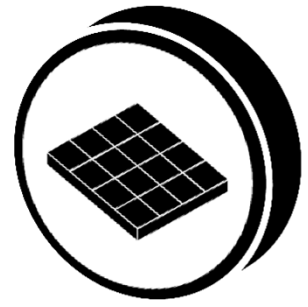
5,0 kg/m ² dryshake spreading
12,0 kg/m ² wet on wet slurry
- > Availability of colour according to technical data sheet.



CONSTRUCTION/APPLICATION:

- > Large-bay execution
- > Placing and levelling: **SOMERO** Laser Screed **SXP-D** or highway straightedge.
- > Dryshake spreading: **SOMERO** Topping Spreader and/or manual depending on the situation.





RCR SILIFIBRE

Execution system for traditional industrial flooring, adaptable to every activity

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world

www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

CLAD RACKS WAREHOUSE FOUNDATION SLABS CONSTRUCTION SYSTEM

SYSTEM DESCRIPTION:

The RCR BASETEC system develops the execution of foundation slabs with steel fibres and/or bars providing:

- High structural capacity towards loads generated by the racks structure. Reliability on the design calculations (by the engineering company MONOFLOOR) due to the specific software developed by RCR, and the use of last generation special steel fibres combined with traditional steel bars and welded wire mesh. This software allows calculation even for slabs over piles.

- Simplification of the solution and fast construction times due to the mechanized equipment (laser screed) for every solution type.

- Reduction of execution delays and global costs.

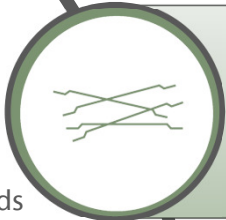
- Optimization of levelling and finishing results (compliance with normative FEM, ASTM, TR34, DIN, ...)

- Reduction of racks installation costs due to the increase of the speed of installation.



CONCRETE:

- > Grade: C30/37 (minimum cement content: 325 kg/m³)
- > Prescription checked by the engineering company **MONOFLOOR**
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



REINFORCEMENT:

- > Structural steel fibre reinforcement: **RINOL TWINPLATE**, **DRAMIX 3D 80/60 BG**, **DRAMIX 4D 65/60 BG** or **DRAMIX 5D 65/60BG** (when slabs over piles would require it)
- > Supplementary reinforcement with steel bars or welded wire mesh (according to design requirements)



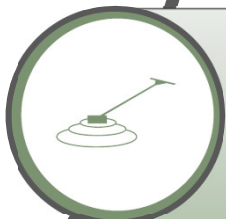
CONSTRUCTION JOINTS:

- > **PERMABAN** joints (according to design)
- > Traditional joints with high load capacity structural dowels



CONTROL JOINTS:

- > Induced joints cut with pavement saw according to design and plans. Sealed with top quality sealants.
- > Possibility of eliminating the joints (JOINTLESS)



FINISH:

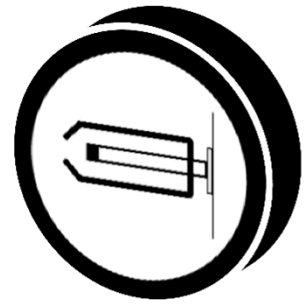
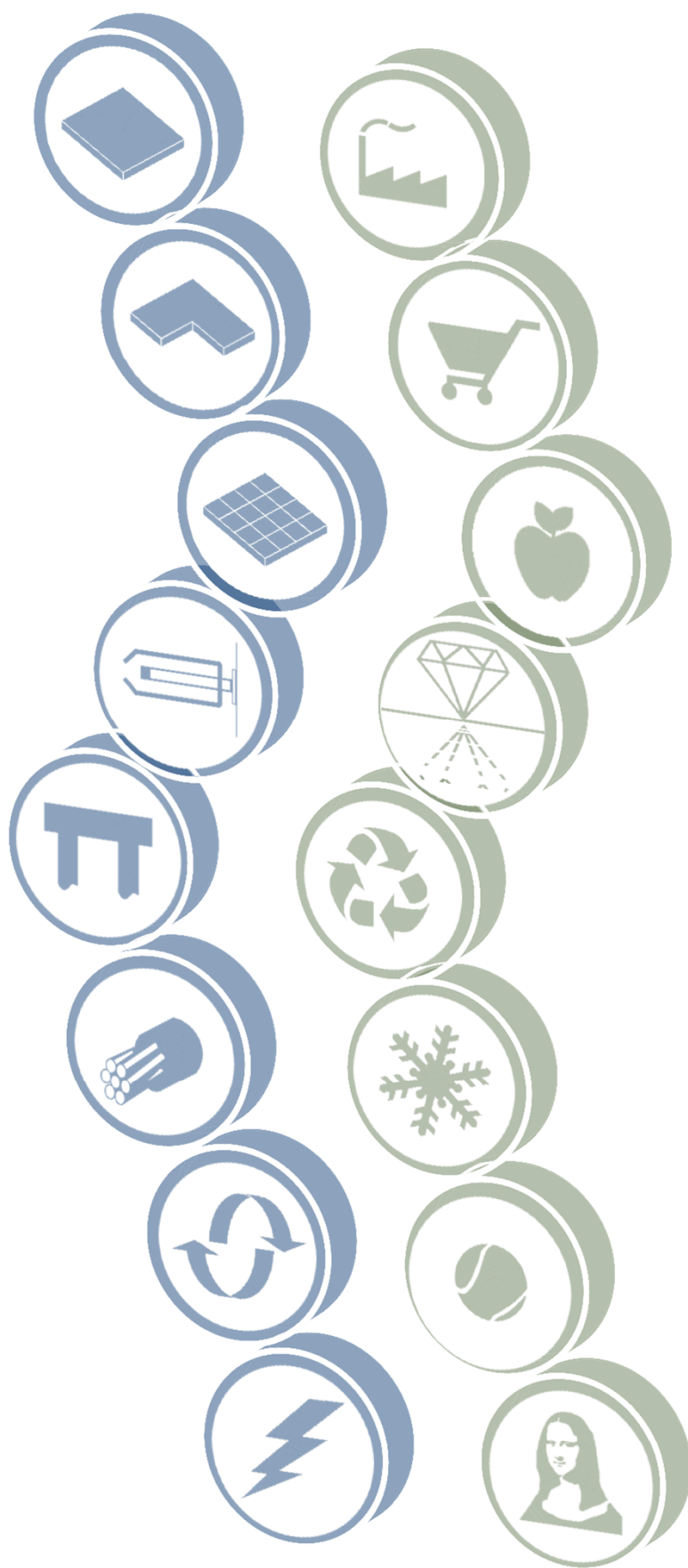
- > **QUALIROC** (for automatized warehouses)
- > **QUALIDUR** - **QUALITOP** (for warehouses with vehicle traffic)
- > **SUELASTIC VNA** (when high flatness required)
- > Availability of colour according to technical data sheet



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay
- > Placing and levelling: automatized screeding machines **SOMERO** Laser Screed or manual screed and highway straightedge.
- > Dryshake hardener application: Mechanical spreading: **SOMERO** Topping Spreader or manual dispenser depending on placing method
- > Execution guidelines and site supervision by engineering company **MONOFLOOR**





RCR BASETEC

Clad racks warehouse foundation slabs
construction system

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world

www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

HIGH PERFORMANCE CONSTRUCTION SYSTEM FOR INDUSTRIAL CONCRETE FLOORINGS SUSPENDED ON PILES



CONCRETE:

- > Grade: C30/37 (minimum cement content: 300 kg/m³).
- > Prescription checked by the engineering company **MONOFLOOR**.
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)

SYSTEM DESCRIPTION:

The **RCR PILETEC** system provides an industrial steel fibres reinforced concrete, with a high structural capacity, over a piles foundation.

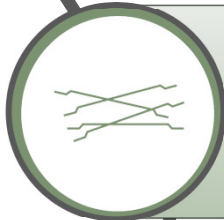
The **RCR PILETEC** system is designed for cases where the ground conditions are poor and do not offer enough support or, there is risk of settlement.

The best flooring solution is established after an advanced technical survey, simplifying the traditional reinforcement solutions and reducing the execution delays, achieving an optimum performance concerning altimetry and finish.

Results concerning flatness and foundation slab finish are optimized.

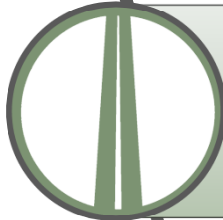
ADVANTAGES OF THIS SYSTEM:

- Simplifying the solution
- Faster concrete placing



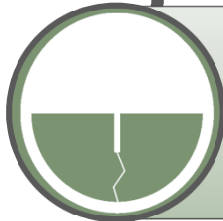
REINFORCEMENT:

- > Reinforcement fibres: steel fibres (dosage according to design)
- > Supplementary reinforcement in pile heads and slab edges with corrugated steel bars and welded wire mesh.



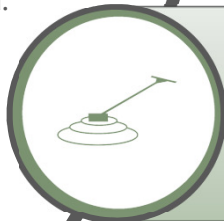
CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > Joints cut with pavement saw.
- > Cuts will have a depth of 1/3 of total slab thickness.



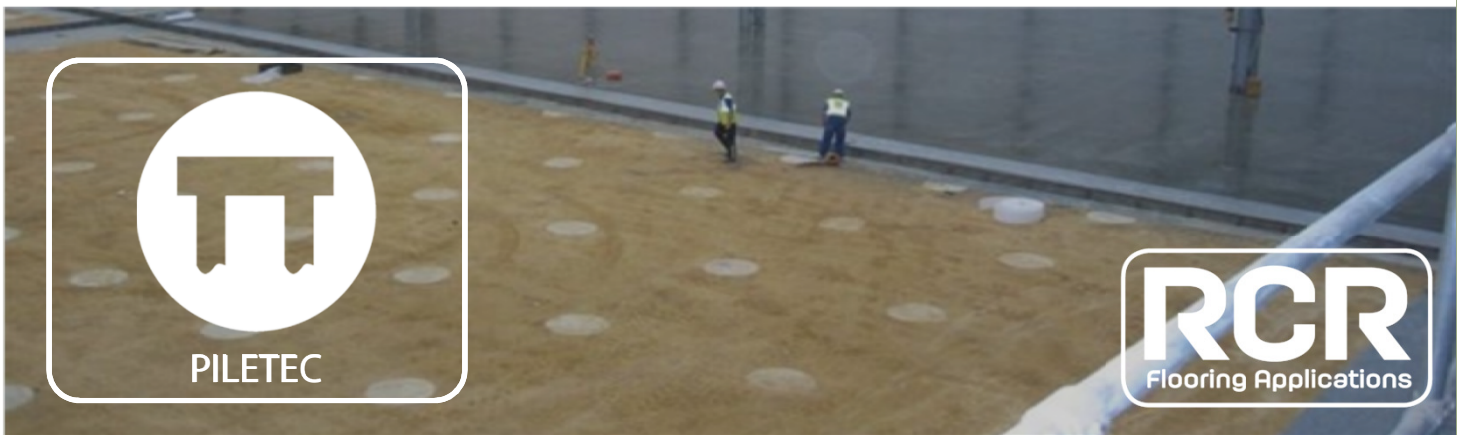
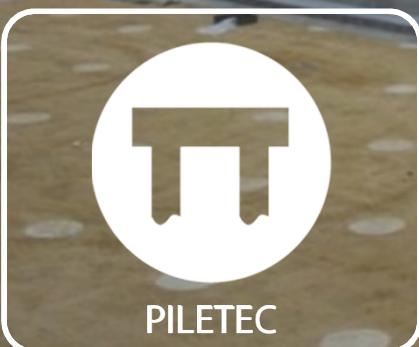
FINISH:

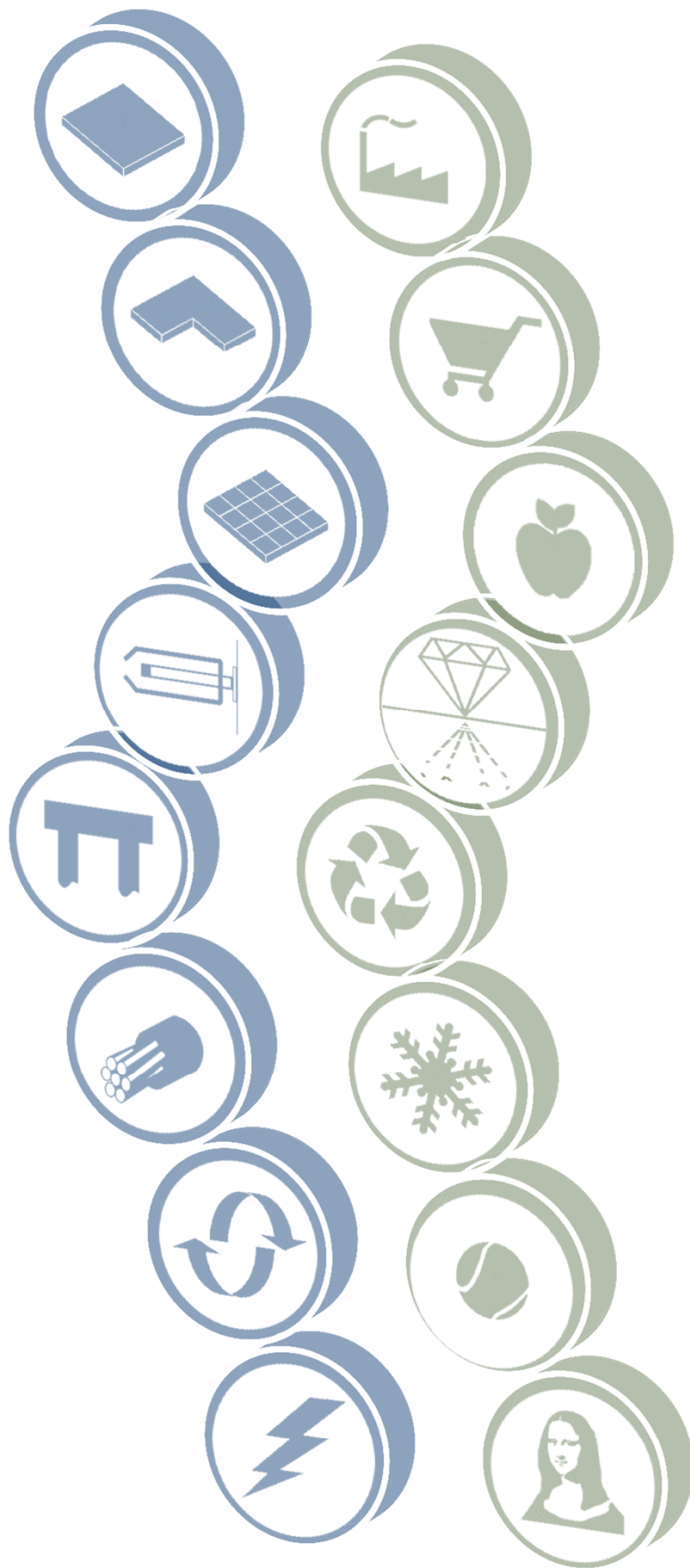
- > **ROCLAND** hardeners and **RINOL** layers: according to use and traffic.
- **QUALIROC** - **QUALITOP METAL**
- **QUALITOP Millenium** - **QUALITOP Titanium**
- > Availability of colour according to technical data sheet.



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay
- > Placing and levelling: **SOMERO** Laser Screed **SXP-D** or highway straightedge.
- > Dryshake spreading: **SOMERO** Topping Spreader and/or manual spreading depending on the situation.





RCR PILETEC

High performance construction system for industrial concrete floorings suspended on piles

RCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCR CONDUCTIL SFRC
- RCR CONDUCTIL VRS
- RCR SILIFIBRE
- RCR BASETEC
- RCR PILETEC
- RCR TENSILE
- RCR ADAPTA
- RCR DISPERSIVE
- RCR INDUSTRIES
- RCR MASTER MALL
- RCR AGROMARK
- RCR PRECISION
- RCR ECOSTOCK
- RCR FROST
- RCR SPORTIVE
- RCR MASTER

RCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCR Flooring Services partner.



Leaders of the flat world
www.rcrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

SYSTEM FOR EXECUTING LAYER OF MORTAR. SEALED TO THE EXISTING COATING OR NOT, ACCORDING TO REQUIREMENTS.

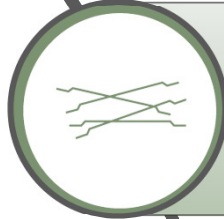


CONCRETE:

- > Grade: specific prescription customized for each project.
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)

SYSTEM DESCRIPTION:

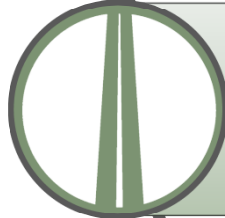
The RCR ADAPTA system is the most appropriate solution to fulfil the design requirements concerning aesthetical demands, resistance and durability, facing difficult situations for instance:



REINFORCEMENT:

- > Wiredrawn steel fibres: Class and type according to design
- > Minimum fibres dosage: established by structural calculations
- > Supplementary reinforcement with steel bars or welded wire mesh where required

- Flooring thickness limitation due to conditioning finish



CONSTRUCTION JOINTS:

- > **PERMABAN ALPHA JOINT TD10**
- > Traditional joint with structural dowel

- Loads limitation for slabs and structures

- Surface repairs on high performance floorings



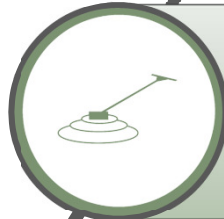
CONTROL JOINTS:

- > Joints cut with pavement saw
- > Layout according to warehouse geometry

- High resistance layers for special finishing coatings

ADVANTAGES OF THIS SYSTEM:

- Avoiding demolition works



FINISH:

- > **ROCLAND QUALIDUR**
- > Minimum dosage: 5,0 kg/m², manual spreading
- > Availability according to technical data sheet

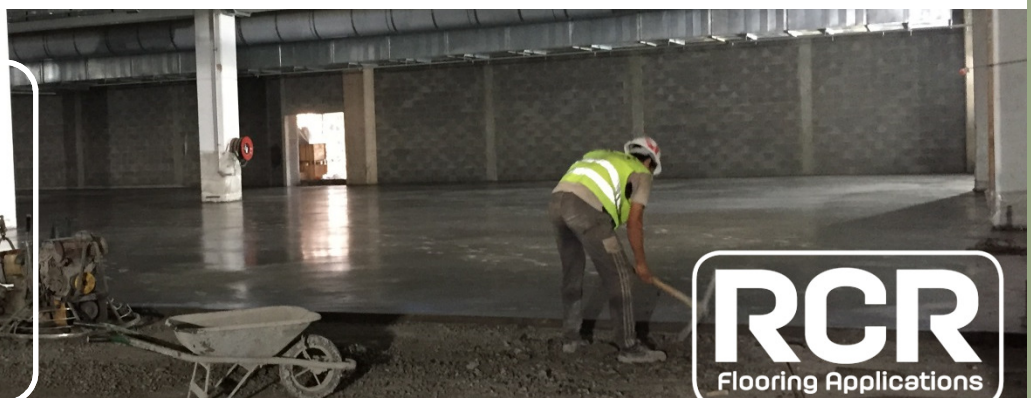
- Achievement of high surface resistance

- Accomplishment of highly demanding flatness normative



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay
- > Placing and levelling: **SOMERO Laser Screed S-840** or highway straightedge, depending on the case
- > Dryshake hardener application: **SOMERO Topping Spreader** or manual spreading, depending on the case





RCR ADAPTA

System for executing layer of mortar. Sealed to the existing coating or not, according to requirements

RCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCR CONDUCTIL SFRC
- RCR CONDUCTIL VRS
- RCR SILIFIBRE
- RCR BASETTEC
- RCR PILETEC
- RCR TENSILE
- RCR ADAPTA
- RCR DISPERSIVE
- RCR INDUSTRIES
- RCR MASTER MALL
- RCR AGROMARK
- RCR PRECISION
- RCR ECOSTOCK
- RCR FROST
- RCR SPORTIVE
- RCR MASTER

RCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCR Flooring Services partner.



Leaders of the flat world
www.rcrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

LOW RESISTIVITY INDUSTRIAL FLOORING EXECUTION SYSTEM.
CONDUCTIVE AND DISSIPATIVE

SYSTEM DESCRIPTION:

The **RCR DISPERSIVE** system provides an industrial flooring capable of dispelling the electricity produced by specific or bio-sanitary uses.

Low resistance = High conductivity

The low resistance floorings can easily and quickly dissipate the electrostatic force whom they suffer from. They are called anti-electrostatic flooring.

The **RCR DISPERSIVE** system is highly recommended for any activity requiring an anti-electrostatic floor:

- Clean rooms
- Surgical theatres
- Electronics industry

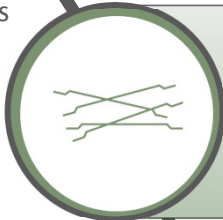
ADVANTAGES OF THIS SYSTEM:

- Safety and protection for humans and electricity sensitive equipment.
- Specific normative establishes the values to be accepted (see product data sheet).
- Possibility of restoring the conductivity level by re-polarizations (6-18 months)



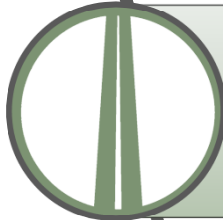
CONCRETE:

- > Specific and customized concrete formula .
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



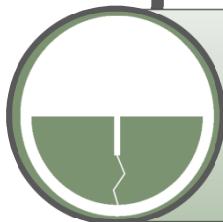
REINFORCEMENT:

- > Reinforcement fibres: steel fibres (dosage according to design)
- > Electronic welded mesh across the whole area, as electric conductive item for the system, connected to earth connection.
- > Connect ground pike, connected to the electronic welded mesh and to the hardener. At least one unit for each slab.



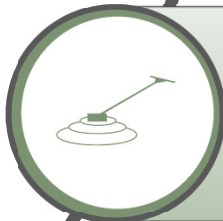
CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > Joints cut with pavement saw.
- > Cuts will have a depth of 1/3 of total slab thickness.
- > Special attention must be paid in order not to cut the mesh.



FINISH:

- > **ROCLAND** hardeners and **RINOL** layers: according to use and traffic.
- **QUALITOP Titanium** - **QUALITOP METAL**
- **RINOL ETEC** - **Range RINOL CONDUCTIVE**
- > Availability of colour according to technical data sheet.



CONSTRUCTION/APPLICATION:

- > Grade slab execution in order to adequate level, finish and planimetry required for the application of different layers.
- > Concrete placing and levelling: manual spreading.
- > **ROCLAND** hardeners : wet on wet mortar. Minimum dosage 12 kg/m².
- > **RINOL** layers: depending on the case (multilayers).
- > Design review by the engineering company **MONOFLOOR**





RCR DISPERSIVE

Low resistivity industrial flooring execution system. Conductive and dissipative

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world

www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETTEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INDUSTRIAL FLOORING EXECUTION SYSTEM FOR FLOORINGS REQUIRING A HARD-WEARING ABRASION RESISTANCE



CONCRETE:

- > Grade: C25/30
- > Minimum cement content: 300 kg/m³
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)

SYSTEM DESCRIPTION:

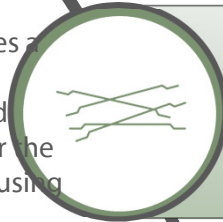
The **RCR INDUSTRIES** system provides a high resistant industrial flooring executed with steel fibres reinforced concrete. The slabs are designed for the large-bay execution technique and using the most advanced mechanical methods in order to reinforce, level, apply the hardener and trowel and cure the surface .

The **RCR INDUSTRIES** system is specially recommended for every kind of industrial activity:

- Logistics and warehouses
- Mechanized industry and factories
- Parking lots and traffic for very heavy vehicles
- Stores
- Transport (seaports, railway stations)
- Recycling plants

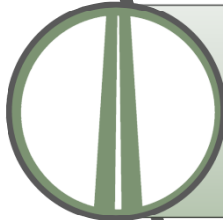
ADVANTAGES OF THIS SYSTEM:

- Adapted for the most demanding uses and traffic
- Long durability
- High load resistance
- High abrasion resistance



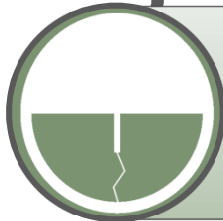
REINFORCEMENT:

- > Steel fibres
- > Fibre dosage: 15-30 kg/m³ (according to design)
- > Supplementary reinforcement with steel or welded wire mesh where required



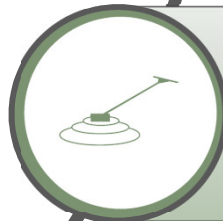
CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > Joints cut with pavement saw
- > Cuts will have a depth of 1/3 of total slab thickness



FINISH:

- > **ROCLAND QUALIDUR / QUALITOP**
- > Minimum dosage: 4,0 kg/m² dryshake spreading
- > Colour availability according to technical data sheet



CONSTRUCTION/APPLICATION:

- > Large-bay execution
- > Placing and levelling: **SOMERO Laser Screed SXP-D**
- > Dryshake spreading: **SOMERO Topping Spreader**





RCR INDUSTRIES

Industrial flooring execution system for floorings requiring a hard-wearing abrasion resistance

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world
www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

CUSTOMIZED FLOORING SYSTEM SPECIALLY DESIGNED FOR
STORES AND SHOPPING CENTRES

SYSTEM DESCRIPTION:

The **RCR MASTER MALL** system provides a wide range of flooring solutions to face the most demanding aesthetical and architectural requirements.

Specially thought for the malls and the detail stores, the **RCR MASTER MALL** system solutions present an optimum answer concerning durability, resistance and maintenance, offering a vast range of colours, textures that will define and customize the stores and leisure malls and markets and shopping areas .

An adequate grade design, the combination of surface finishing (epoxy, polyurethane) and high quality decorative wet on wet hardeners made **RCR MASTER MALL** system solve the most demanding requirements.

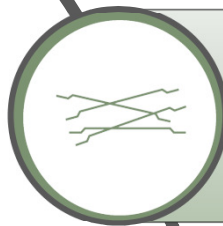
This system is highly recommended for:

- Shopping centres/Malls
- Leisure centres
- Markets
- Shops and stores in general



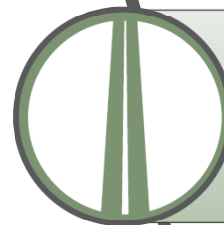
CONCRETE:

- > Concrete grade (if required) : C25/30 (minimum cement content: 300 kg/m³).
- > Prescription checked by the engineering company **MONOFLOOR**.
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



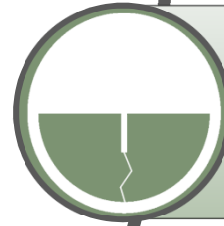
REINFORCEMENT:

- > Fibres: steel fibres or synthetic fibres (macro and micro)
- > Supplementary reinforcement with steel bars or welded wire mesh where required according to design



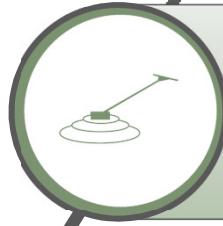
CONSTRUCTION JOINTS:

- > **PERMABAN:** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > If necessary, layout according to aesthetical design, checked by the specialized engineering company **MONOFLOOR**.
- > Joints cut with pavement saw
- > Cuts will have a depth of 1/3 of total slab thickness
- > Special sealants



FINSIH:

- > Hardeners **ROCLAND** and **RINOL** layers: according to use and traffic
- **QUALITOP MASTER** - **RINOL INDURIT** - **RINOL SUELASTIC**
- **RINOL EXQUISIT** - **RINOL QCR** - **RINOL SOLID**
- **RINOL COMFORT** - **RINOL DESIGN**
- > Availability of colour and texture according to technical data sheet



CONSTRUCTION/APPLICATION:

- > Grade slab execution to achieve level, flatness and finish required for layers application.
- > Concrete placing and levelling: manual spreading.
- > **ROCLAND QUALITOP MASTER:** wet on wet mortar. Minimum dosage 12 kg/m².
- > **RINOL** layers: depending on the case (mortars and multilayers)
- > Design checking by engineering company **MONOFLOOR**



MASTER MALL



RCR MASTER MALL

Customised flooring system specially designed for stores and shopping centres

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world

www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETTEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INDUSTRIAL FLOORING EXECUTION SYSTEM CUSTOMIZED FOR THE AGRI FOOD INDUSTRY

SYSTEM DESCRIPTION:

The RCR AGROMARK system provides a wide range of flooring solutions for different uses and normative requirements concerning the agri food industry.

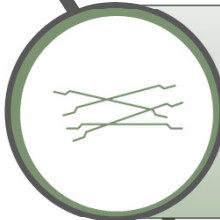
Designed in a completely tailored way, this system implies an optimum solution in durability and resistance towards any chemical attacks, easy cleaning and minimum maintenance costs.

Designing an adequate subgrade according to the loads and a combination of surface solutions in resins (epoxy, polyurethane, methacrylate), special mortars (cementitious acrylic, polyurethane-cement) and top quality cementitious dryshake hardeners, make the RCR AGROMARK system solve the punctual needs of the most demanding and complex agri food industries, including production, storing, handling, or food processing. Even under extreme temperature conditions.



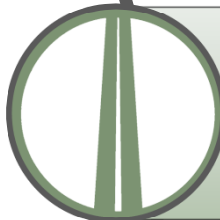
CONCRETE:

- > Grade: C25/30
- > Minimum cement content: 300 kg/m³
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



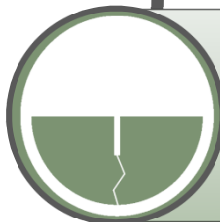
REINFORCEMENT:

- > Reinforcement steel fibres
- > Fibre dosage: 15-30 kg/m³ (according to design)
- > Supplementary reinforcement with steel bars or welded wire mesh where required



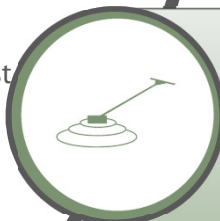
CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**
- **ALPHA JOINT**



CONTROL JOINTS:

- > Joints cut with pavement saw
- > Cuts will have a depth of 1/3 of total slab thickness



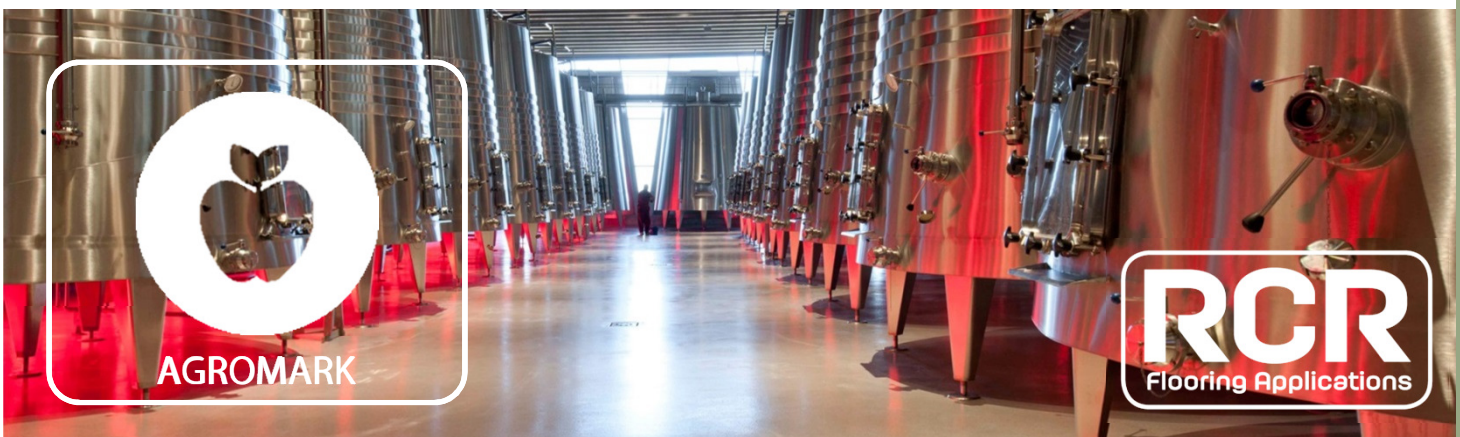
FINISH:

- > Hardeners **ROCLAND** and **RINOL** layers: according to use and traffic
- **QUALIDUR** - range **QUALITOP** - range **RINOL INDURIT**
- **RINOL SAFETY** - range **RINOL CRETE** - range **RINOL ALLROUNDER**
- Availability of colour and texture according to technical data sheet



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay (large surface slabs) to adequate levels and water drainage systems
- > Concrete placing and levelling: manual spreading
- > **ROCLAND** cementitious finish : wet on wet mortars. Minimum dosage 10 kg/m²
- > **RINOL** layers: according to type (mortars, multilayer).
- > Execution guidelines and site supervision by engineering company **MONOFLOOR**.





RCR AGROMARK

Industrial flooring execution system
customized for the agri food industry

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world
www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INDUSTRIAL FLOORING EXECUTION SYSTEM TO ACCOMPLISH THE HIGHEST DEMANDING FLATNESS AND ALTIMETRY NORMATIVE

SYSTEM DESCRIPTION:

The RCR PRECISION system provides an industrial flooring with steel fibres reinforced concrete achieving flatness results fulfilling the most demanding uses, optimizing the finishing and simplifying the racks installation and accelerating the premises placing into service.

The RCR PRECISION system is ideal for constructing industrial floors requiring high flatness and levelness characteristics:

- High bay warehousing and VNA (Very Narrow Aisle) systems
- Special materials handling equipment (articulated forklift)
- Special flooring
- Industries with special machinery installed

ADVANTAGES OF THIS SYSTEM:

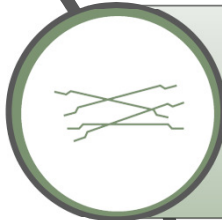
The RCR PRECISION system will accomplish:

- Higher storing racks
- Normative requirements (DIN, TR34...)



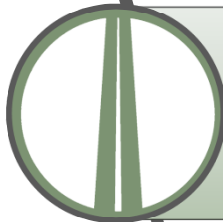
CONCRETE:

- > Grade: C25/30 (minimum cement content: 300 kg/m³).
- > Prescription checked by the engineering company **MONOFLOOR**.
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



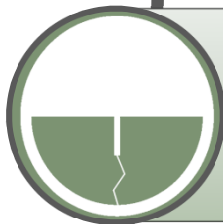
REINFORCEMENT:

- > Steel fibres reinforcement. Dose according to design
- > Supplementary reinforcement with steel bars or welded wire mesh where required according to design



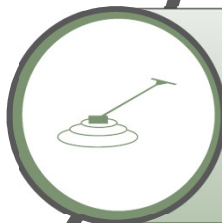
CONSTRUCTION JOINTS:

- > **PERMABAN:**
 - ECLIPSE JOINT
 - SIGNATURE JOINT
 - ALPHA JOINT
- > Traditional joints. With dowels similar to Diamond Dowel



CONTROL JOINTS:

- > Joints cut with pavement saw
- > Layout according to flooring geometry, aisles and slabs
- > Cuts will have a depth of 1/3 of total slab thickness.
- > Possibility of no control joints (JOINTLESS).



FINISH:

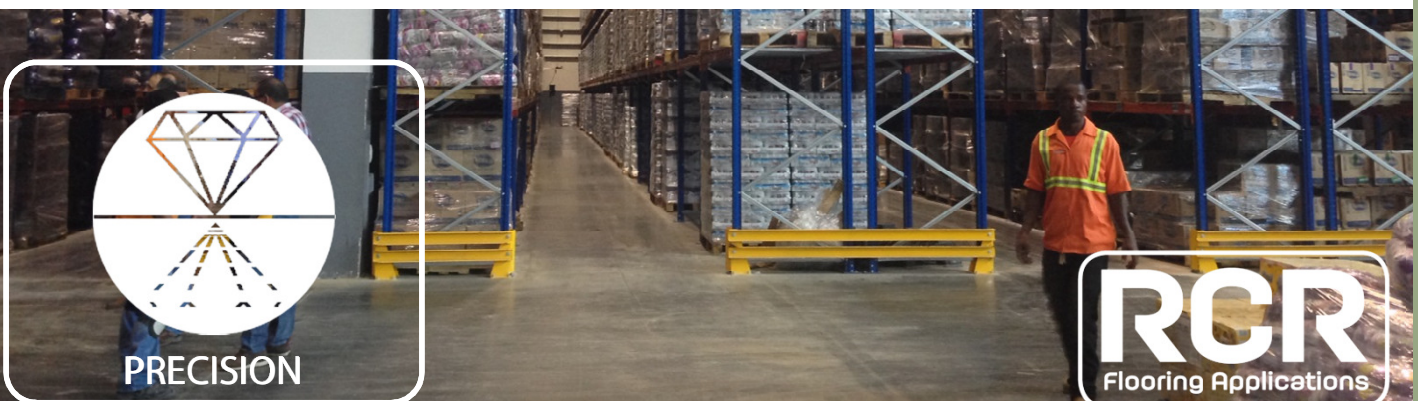
- > **ROCLAND QUALITOP Millenium**
- > Minimum dosage:

5,0 kg/m ² dryshake spreading
12,0 kg/m ² wet on wet technique
- > Availability according to technical data sheet



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay or aisles
- > Placing and levelling: **SOMERO** Laser Screed **SXP-D** or highway straightedge
- > Dryshake spreading: **SOMERO** Topping Spreader and/or manual depending on the situation.





RCR PRECISION

Industrial flooring execution system to accomplish the highest demanding flatness and altimetry normative

RCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCR CONDUCTIL SFRC
- RCR CONDUCTIL VRS
- RCR SILIFIBRE
- RCR BASETEC
- RCR PILETEC
- RCR TENSILE
- RCR ADAPTA
- RCR DISPERSIVE
- RCR INDUSTRIES
- RCR MASTER MALL
- RCR AGROMARK
- RCR PRECISION
- RCR ECOSTOCK
- RCR FROST
- RCR SPORTIVE
- RCR MASTER

RCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCR Flooring Services partner.



Leaders of the flat world
www.rcrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETTEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INDUSTRIAL FLOORING SYSTEM RECOMMENDED FOR EXTERIOR BULK STORAGE, SOLID DEBRIS TREATMENT AND RECYCLING PLANTS

SYSTEM DESCRIPTION:

The RCR ECOSTOCK system provides a high performance flooring addressed to the most aggressive industries handling containers in exterior areas, all kind of bulk materials, and debris treatment.

The RCR ECOSTOCK system avoids the problems produced by chemical aggressions, reducing dents, dragging marks and backhoes or diggers prints at docks. The use of additive LINK EVR allows a higher CO₂ capture by the concrete.

ADVANTAGES OF THIS SYSTEM:

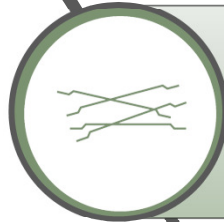
This system is specially recommended for industrial activities with a heavy flooring use :

- Container storing at docks
- Exterior stockpiles
- Debris recycling plants
- Bulk storage applications (grains or seeds, wood, fertilisers, salt...)



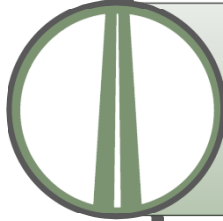
CONCRETE:

- > Grade: C30/37 (minimum cement content: 320 kg/m³).
- > Prescription checked by engineering company **MONOFLOOR**
- > Plasticiser: **RINOL ROC FLUID** (dose according to requirements)
- > Volumetric stability additive **LINK EVR** required for warehouses storing products producing liquid debris



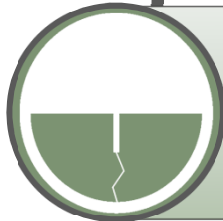
REINFORCEMENT:

- > Steel and polymeric fibres: **RINOL TWINPLATE**, **DRAMIX 3D 80/60 BG**, **DRAMIX 3D 65/60BG**, **RINOL HPP45**
- > Minimum fibre dosage: 20 kg/m³ (steel fibres), 3 kg/m³ (polymeric fibres)
- > Supplementary reinforcement with steel bars or welded wire mesh (according to design requirements).



CONSTRUCTION JOINTS:

- > **PERMABAN** - **ECLIPSE JOINT**
- **SIGNATURE JOINT**



CONTROL JOINTS:

- > The use and the maintenance minimization will be analysed to achieve the best design solution. If the additive **LINK EVR** would be required, any systems reducing joints can be used. (please check **RCR CONDUCTIL VRS** technical data sheet)



FINISH:

- > **ROCLAND** hardeners: according to use and traffic.
- **QUALITOP METAL** - **QUALITOP Millenium**
- **QUALITOP Titanium**
- > Availability of colour according to technical data sheet



CONSTRUCTION/APPLICATION:

- > Execution method: large-bay.
- > Placing and levelling: automatized screeding machines **SOMERO** (Laser Scream) or manual screed and highway straightedge..
- > Dryshake hardener application: Mechanical spreading: **SOMERO** (Topping Spreader) or manual dispenser depending on placing method. Minimum dosage 4kg/m².
- > Execution guidelines and site supervision by engineering company **MONOFLOOR**.





RCR ECOSTOCK

Industrial flooring system recommended for exterior bulk storage, solid debris treatment and recycling plants

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world

www.rcrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETTEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INDUSTRIAL FLOORING EXECUTION SYSTEM SPECIALLY
DESIGNED FOR THE COLD CHAIN INDUSTRY

SYSTEM DESCRIPTION:

The **RCR FROST** system provides specific flooring solutions for the complex cold chain industry.

Including cold-storage chambers, fresh food storing, walk-in freezers and the most complex automatized amenities, the **RCR FROST** system analyses and presents the best flooring option, related not only to the performance of the chamber, but also to the demanding requirements of future maintenance.

The **RCR FROST** system allows the checking, according to a mechanical point of view, of the performance of the isolation under the slab, and also allows the checking and validation of complex storing systems as shelving or rails for cold or freezing walk-in rooms.

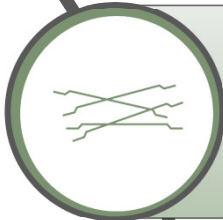
This system is highly recommended for:

- Cold chain logistics
- Specific agri food industries



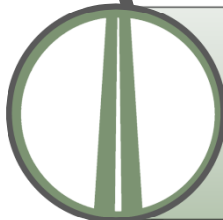
CONCRETE:

- > Grade: C25/30
- > Minimum cement content: 300 kg/m³
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



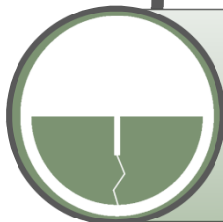
REINFORCEMENT:

- > Fibres: steel fibres or synthetic fibres
- > Supplementary reinforcement with steel bars or welded wire mesh where required according to design



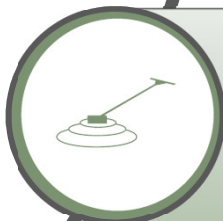
CONSTRUCTION JOINTS:

- > **PERMABAN:** - ECLIPSE JOINT
- SIGNATURE JOINT
- ALPHA JOINT



CONTROL JOINTS:

- > Joints cut with pavement saw
- > Cuts will have a depths of 1/3 of total slab thickness
- > Special sealants
- > Possibility of eliminating the joints (JOINTLESS)



FINISH:

- > Hardeners **ROCLAND** and **RINOL** layers: according to use and traffic
- Range **QUALITOP** - **QUALIDUR**
- **RINOL INDURIT** - **RINOL SAFETY**
- > Availability according to technical data sheet



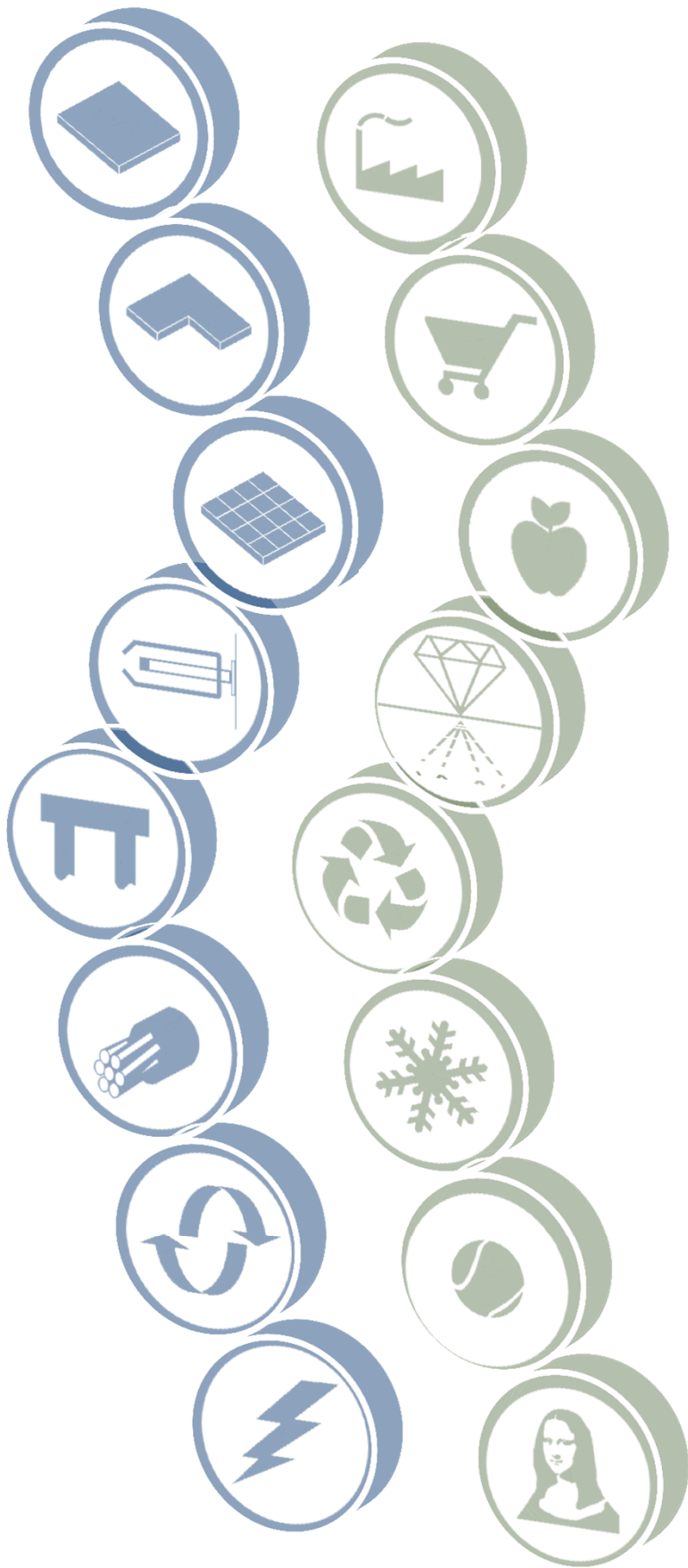
CONSTRUCTION/APPLICATION:

- > Grade slab execution in order to install isolation and specific aeration systems, (air ducts, cavity systems, heating circuits...) Over this first layer, execution of a steel fibres reinforced concrete, low temperatures resistant and with the flatness required for the correct racks installation.
- > Concrete placing and levelling: manual spreading
- > **ROCLAND** hardeners : Minimum dosage 5 kg/m².
- > **RINOL** layers: depending on the case (mortars and multilayers)
- > Design calculations , execution guidelines and site supervision by **MONOFLOOR.**



FROST





RCR FROST

Industrial flooring execution system specially designed for the cold chain industry

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETTEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world
www.rccrindustrialflooring.com



CONDUCTIL SFRC
CONDUCTIL VRS
SILIFIBRE
BASETEC
PILETEC
TENSILE
ADAPTA
DISPERSIVE

INDUSTRIES
MASTER MALL
AGROMARK
PRECISION
ECOSTOCK
FROST
SPORTIVE
MASTER

INTERIOR AND EXTERIOR DECORATIVE FLOORING SYSTEM,
SPECIALLY DESIGNED FOR UNIQUE BUILDINGS

SYSTEM DESCRIPTION:

The **RCR MASTER** system provides a wide range of flooring solutions to face the most demanding aesthetical and architectural requirements.

Established in a completely individual way for every case, the **RCR MASTER** solutions present an optimum answer concerning durability, resistance and maintenance, offering a vast range of colours, textures, shine/matt finish and even different grade of luminosity.

An adequate grade design, the combination of surface finishing (epoxy, polyurethane) and high quality decorative wet on wet hardeners made **RCR MASTER** system solve the most demanding aesthetical requirements.

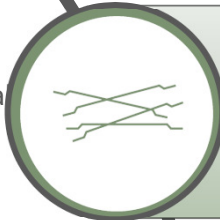
This system is highly recommended for:

- Museums
- Exhibition halls
- Unique buildings
- Office
- Residential



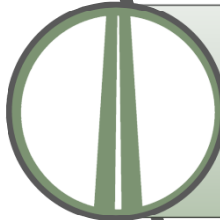
CONCRETE:

- > Concrete grade (if required) : C25/30 (minimum cement content: 300 kg/m³).
- > Prescription checked by the engineering company **MONOFLOOR**.
- > Plasticiser: **RINOL MA FLUID** or **RINOL ROC FLUID** (dose according to requirements)



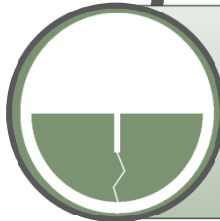
REINFORCEMENT:

- > Fibres: steel fibres or synthetic fibres (macro and micro)
- > Supplementary reinforcement with steel bars or welded wire mesh where required according to design



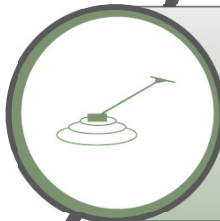
CONSTRUCTION JOINTS:

- > **PERMABAN: - ALPHA JOINT**



CONTROL JOINTS:

- > If necessary, layout according to aesthetical design, checked by the specialized engineering company **MONOFLOOR**.
- > Joints cut with pavement saw
- > Cuts will have a depth of 1/3 of total slab thickness
- > Special sealants



FINISH:

- > Hardeners **ROCLAND** and **RINOL** layers: according to use and traffic
- **QUALITOP MASTER** - **RINOL INDURIT** - **RINOL SUELASTIC**
- **RINOL EXQUISIT** - **RINOL QCR** - **RINOL SOLID**
- **RINOL COMFORT** - **RINOL DESIGN**
- > Availability of colour and texture according to technical data sheet



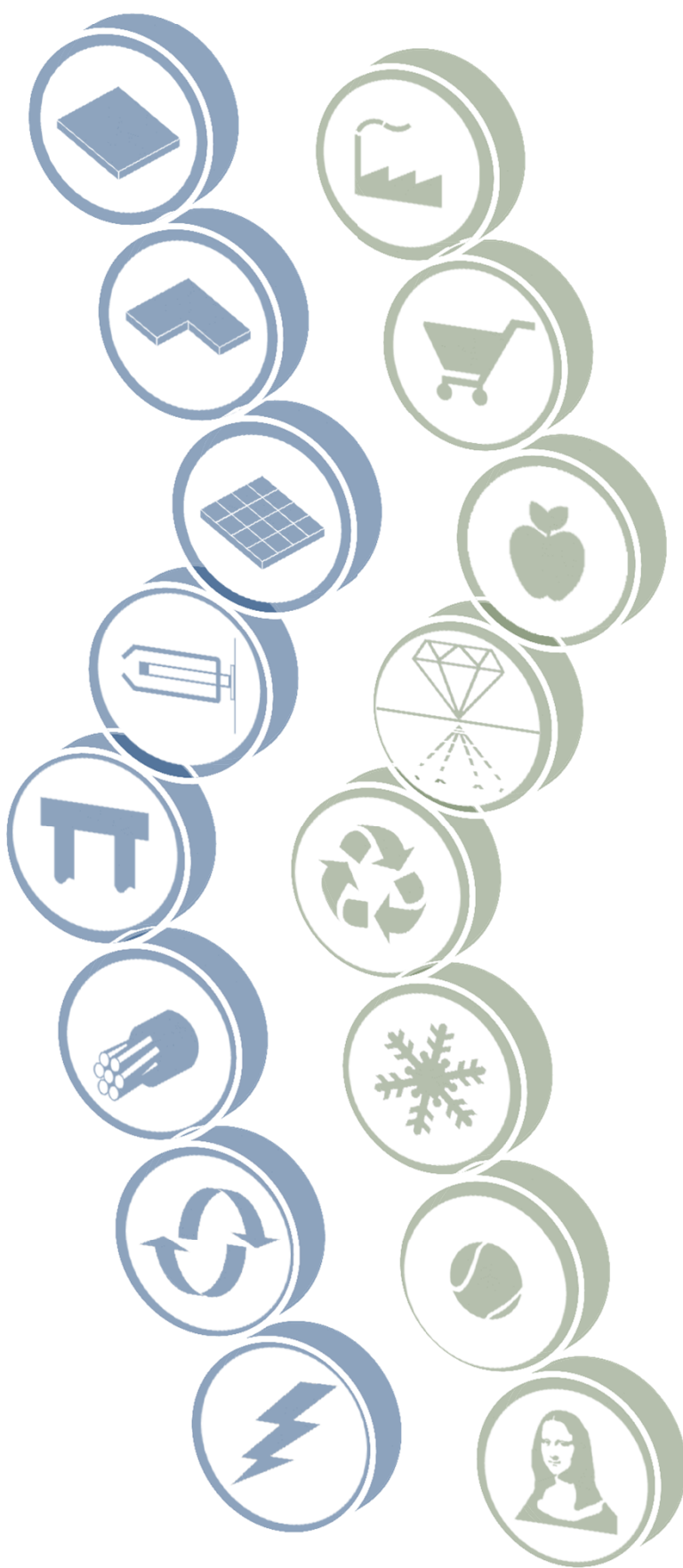
CONSTRUCTION/APPLICATION:

- > Grade slab execution to achieve level, flatness and finish required for layers application.
- > Concrete placing and levelling: manual spreading.
- > **ROCLAND QUALITOP MASTER**: wet on wet mortar. Minimum dosage 12 kg/m².
- > **RINOL** layers: depending on the case (mortars and multilayers)
- > Design checking by engineering company **MONOFLOOR**



MASTER





RCR MASTER

Interior and exterior decorative flooring system, specially designed for unique buildings

RCCR SYSTEMS

Standardisation of industrial and decorative flooring solutions

- RCCR CONDUCTIL SFRC
- RCCR CONDUCTIL VRS
- RCCR SILIFIBRE
- RCCR BASETEC
- RCCR PILETEC
- RCCR TENSILE
- RCCR ADAPTA
- RCCR DISPERSIVE
- RCCR INDUSTRIES
- RCCR MASTER MALL
- RCCR AGROMARK
- RCCR PRECISION
- RCCR ECOSTOCK
- RCCR FROST
- RCCR SPORTIVE
- RCCR MASTER

RCCR has created exclusive systems which offer optimised solutions for various building uses or industries.

The systems provide a framework to help find the right solutions for the client's needs – yet within each system there is flexibility and choice.

Even if a project has a unique, purpose-built specification, it will still benefit from the technology transfer of the proven systems used by RCCR Applications companies around the world.

In each case, flooring design and engineering is supported by Monofloor, our specialist international RCCR Flooring Services partner.



Leaders of the flat world
www.rcrindustrialflooring.com