



PROTECTING FLOORS MADE EASY



**High
Performance**



**Environmentally
friendly solutions**



**Safe
& easy**

RD Coatings offers a superior line of water-based coatings for floors, balconies and decks, indoor or outdoor, commercial or industrial.

Our coating systems consist of cost-effective solutions that can protect floors against wear, abrasion, UVs, water, chemicals ... Our systems are easy to apply to prevent any wrongdoing during application that could cause future failures. Our water-based technology enables us to offer solutions that can be applied in occupied buildings without nuisance.

**Experts in Water-based
Technology**



STATE OF THE ART WATER-BASED TECHNOLOGY



WATER-BASED



1 COMPONENT



WIDE VARIETY
OF COLOURS

RD-MONOFLOOR PU

Quick-drying floor paint for workshops, technical rooms and balconies

- Based on acrylic and polyurethane resins, UV resistant.
- Protects floors against wear and abrasion.
- Virtually odorless, can be used in occupied buildings without disturbing.

RD-Monofloor PU is a very easy to apply and fast drying floor coating system ideal to protect floors of workshops, technical rooms, balconies and even warehouses subject to moderate traffic.

RD-Monofloor PU dries fast and greatly reduces downtime. It can therefore be specified when there is limited time to apply the floor coating.



Single Coating System



Fast drying



Very low VOC emissions



Indoor/Outdoor

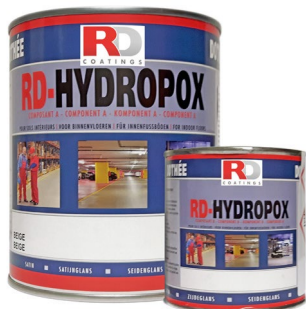


RD-HYDROPOX

Very hard and abrasion resistant epoxy coating

- Forms a hard and resistant film easy to clean and to decontaminate.
- Excellent resistance to various aggressions, including carbon black from tyres, greases, etc.
- Adheres directly to concrete, tiles, brick, etc.
- Approved for use in the food industry.

RD-Hydropox is a lasting solution for floors subject to heavy traffic. It is a VOC-free product that can be used safely inside buildings without the need for containment during application, reducing costs and disturbances. It is also suitable for application on walls that are subject to various kinds of contamination, and the resulting film can be easily cleaned and decontaminated using a variety of methods. A special version for Green Concrete is available: RD-Hydropox H



WATER-BASED



2 COMPONENTS



WIDE VARIETY
OF COLOURS



Single Coating System



Abrasion resistance



Chemical resistance



Approved for food
industry



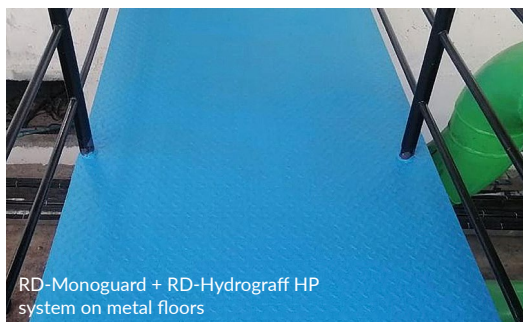
Indoor



MULTI-FUNCTIONAL COATING



RD-Hydrograff HP Clear as top coat on RD-Hydropex floor system



RD-Monoguard + RD-Hydrograff HP system on metal floors



RD-Edeck Slurry + RD-Hydrograff HP on helideck

RD-HYDROGRAFF HP

Flexible and high wear-resistant polyurethane coating.
Chemical resistant - abrasion resistant - UV resistant

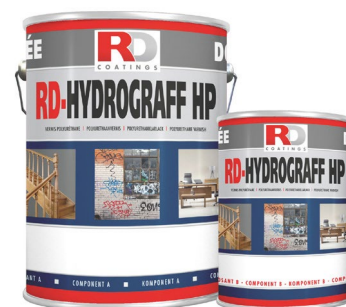
- Resistant to high pressure washing, easy to clean and to decontaminate through various means.
- Excellent resistance to various aggressions, including carbon black from tyres, greases, etc.
- Can be applied as a final coat on almost any type of coating.

RD-Hydrograff HP has a very low VOC content and emits almost no odor during application. It is used in demanding industries such as food and pharma, restaurants, hotels, shops, etc. Its hard but flexible film is highly resistant against wear, abrasion and repeated cleaning cycles.

Offers exceptional anti-corrosion properties in combination with **RD-Monoguard** (C5 High). It's a perfect solution for protecting metal floors, ramps, catwalks, work platforms, stairs...

RD-Hydrograff HP can be applied indoor and outdoor on floors, walls and all kinds of equipment or objects. It is fully compatible with other **RD Coatings** products.

RD-Hydrograff HP comes in a clear varnish or tinted, and is available in mat, satin or glossy to high gloss shine.



- WATER-BASED
- 2 COMPONENTS
- WIDE VARIETY OF COLOURS
- VARNISH OR TINTED



Single Coating System



Abrasion resistance



Chemical resistance



Resistant to cleaning cycles



Approved for food industry



Indoor/Outdoor

SCS – SINGLE COATING SYSTEM: THE MEANING

Products marked “SCS” can be used on their own without any additional primer or topcoat.

They are specially formulated to be used as primer and finish coat at the same time without compromising on quality!

Using SCS products simplifies the working procedure and lowers the risks of mistakes during the installation.

SCS products are most of the time applied in two layers directly on a prepared surface.

Using two distinctive colors, allows better differentiation between the coats, and guarantees that every square centimeter is equally protected.

RD Coatings products can also be combined with each other to meet the specific requirements and properties of any project.



Water-based coatings



High performance



Limited VOC emissions

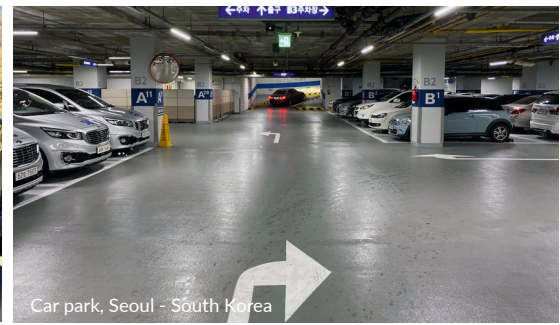
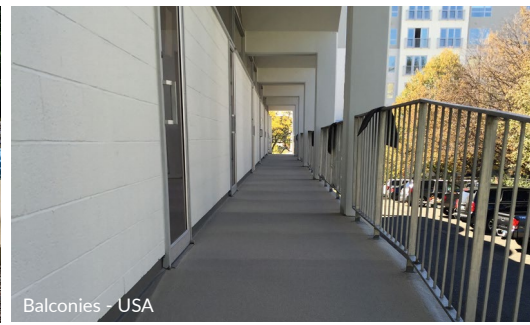


Safe, No hazards



Tested by accredited laboratories

THICK COATING SYSTEM



RD-EDECK SLURRY

Thick applied multi-purpose single component coating for the protection of concrete slabs and decks

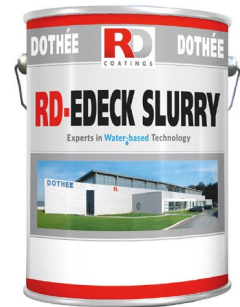
Creates a very resistant and flexible membrane that can be tailored to obtain various properties:

- Waterproofing
- UV resistance
- Chemical resistance
- High impact resistance
- High wear and abrasion resistance
- Decontaminable
- Anti-slip.
- All these properties together...

With this unique coating system, applicators can create a customized membrane that precisely meets their project requirements in terms of performance and properties.

RD-Edeck Slurry is extremely easy to handle and apply. As a single component, water-based coating with no pot-life, it offers a comfortable application procedure, especially in confined areas or on surfaces with intricate details. Additionally, its virtually odorless properties enable it to be used in occupied buildings with minimal to no disturbance.

RD-Edeck Slurry can be spray applied using a texture sprayer which is convenient and very productive for large areas, or simply applied by roller, squeegee and trowel for smaller surfaces.



WATER-BASED



1 COMPONENT



INSIDE/OUTSIDE

EXAMPLES OF RD-EDECK SLURRY SYSTEM BUILD UP:

1. Floors subject to moderate traffic. Ex: balcony, technical room

Step	Description	Detail
Surface preparation	✓ High pressure wash	✓ RD-Eco Powerclean
Primer	✓ RD-Elastodeck thinned 5-10%	✓ 125 µ / 5 mils dft
2nd coat	✓ RD-Edeck Slurry	✓ 250 µ / 10 mils dft
Finish coat	✓ RD-Monofloor PU	✓ 85 µ / 3,5 mils dft

2. Floors subject to heavy traffic. Ex: warehouse, garage

Step	Description	Detail
Surface preparation	✓ High pressure wash or grinding	✓ RD-Eco Powerclean
Primer	✓ RD-Elastodeck thinned 5-10%	✓ 125 µ / 5 mils dft
2nd coat	✓ RD-Edeck Slurry	✓ 250 µ / 10 mils dft
Finish coat	✓ RD-Hydrograff HP	✓ 50 µ / 2 mils dft

3. Floors subject to heavy traffic with need of waterproofing. Ex: roof top with traffic

Step	Description	Detail
Surface preparation	✓ High pressure wash or grinding	✓ RD-Eco Powerclean
Primer	✓ RD-Elastodeck thinned 5-10%	✓ 125 µ / 5 mils dft
2nd coat	✓ RD-Elastodeck + RD-Roof Fleece	✓ 800 µ / 32 mils dft applied in minimum 2 layers
3rd coat	✓ RD-Edeck Slurry	✓ 700 µ / 28 mils dft
Finish coat	✓ RD-Hydrograff HP	✓ 100 µ / 4 mils dft applied in minimum 2 layers



There are numerous possibilities to meet specific requirements. Contact your RD Coatings representative to learn more about the available options.

STATE OF THE ART WATER-BASED TECHNOLOGY



WATER-BASED



1 COMPONENT



VARNISH

RD-MONOVAR PU

Varnish based on acrylic and polyurethane resins that creates a hard, flexible and wear resistant film for decorative and protective purposes on floors



- Water-based, easy to handle and safe.
- Fast drying coating system that greatly reduces downtime during application.
- Virtually odorless, doesn't affect neighbouring occupants and can therefore be used in occupied buildings.

RD-Monovar PU creates a nice and smooth finish and has a very good resistance against humidity and water. It also has a very good outdoor durability. **RD-Monovar PU** has successfully been tested to be used for constructions regulated by the Living Building Challenge – LEED.



Single Coating System



Fast drying



High performance



Indoor/Outdoor



WATER-BASED



1 COMPONENT



WIDE VARIETY OF COLOURS

RD-COLORTRACK

Quick-drying paint for outdoor recreational floors offering excellent grip

- Fast and simple application.
- Economical solution for surfaces subject to intense foot traffic
- Wide choice of colours available in small and large packaging.

RD-Colortrack is a highly durable and versatile coating designed for use in sports fields, playgrounds, and other outdoor recreational areas. Its customizable color options make it a popular choice for schools, universities, and cities looking to improve the appearance and safety of their facilities.



Single Coating System



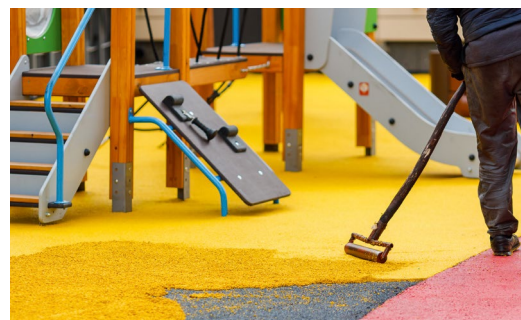
Good grip



Fast drying



Indoor/Outdoor



ADVANTAGES & PROPERTIES

THE ADVANTAGES OF USING RD COATINGS WATER-BASED COATINGS ON FLOORS

Water-based coatings are popular for their ease of use and low level of VOCs, making them a safer option for both applicators and residents. They also cause less disruption during and after application.

RD Coatings floor products are of high quality and suitable for use in demanding environments such as industrial and marine.

Water-based coatings are particularly useful for renovating older coated surfaces because they can be applied without weakening the existing coat. If the existing coat still has good adherence, it can be left in place, providing an additional cost-saving benefit.

SURFACE PREPARATION:

Generally, the surface must always be cleaned and degreased with no loose paint or dust, the maximum humidity in the concrete is 4% and it cannot be rising. There are multiple ways to prepare the surface: high pressure washing or grinding are our preferred methods. For projects that are less subject to intensive traffic, sanding or scratching are sufficient.

MAIN PROPERTIES OF OUR FLOOR COATING PRODUCTS

Product	Available on dispenser	UV resistance	Gloss level – Gardner 60° (+/- 5)	Solid content in volume (+/-)	Drying time at 23°C / 68° F Touch dry
✓ RD-Colortrack	Yes	Yes	Mat 4%	52 %	1 h
✓ RD-Edeck Slurry	No	Yes	Mat	65 %	4 h
✓ RD-Hydrograff HP	Yes	Yes	Mat 7% Satin 35% Glossy 80%	50 % 49 % 48 %	6 h
✓ RD-Hydrograff HP Clear	No	Yes	Mat 7% Satin 35% High gloss 85%	41 % 41 % 40 %	6 h
✓ RD-Hydropox	Yes	No	Satin 50%	50 %	6 h
✓ RD-Monofloor PU	Yes	Yes	Satin 30%	30 %	2 h
✓ RD-Monovar PU	No	Yes	Mat 10% Satin 25% Glossy 80%	29 % 27 % 25 %	1h30

TYPICAL THICKNESSES AND CONSUMPTION

Product	Dry film thickness per coat (+/-)	Quantity per /m² or Sft/gallon (+/-) (*)
✓ RD-Colortrack	60 µ / 2,5 mils	0,17 kg / 340 Sqf
✓ RD-Edeck Slurry	580 µ / 22 mils	1,5 kg / 44 Sqf
✓ RD-Hydrograff HP Satin	60 µ / 2,4 mils	0,12 L / 335 Sqf
✓ RD-Hydrograff HP Clear High Gloss	60 µ / 2,4 mils	0,15 L / 270 Sqf
✓ RD-Hydropox	105 µ / 4,2 mils	0,3 kg / 190 Sqf
✓ RD-Monofloor PU	85 µ / 3,4 mils	0,20 L / 200 Sqf
✓ RD-Monovar PU	30 µ / 1,2 mils	0,11 L / 360 Sqf

(*) theoretical consumption, doesn't take into account losses due to application method or absorption due to the porosity of the substrate. Always read the technical datasheet before the application. Contact your RD Coatings representative for advices.



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