

# RENOVATION SYSTEM FOR METAL CLADDINGS



Wielkopolska, Poland



Delhaize Ninove, Belgium



Meckenheim, Germany



## RD-METAL UNICOAT

Coating for metal claddings: surface tolerant and convenient to apply

- Primer and top coat in one, UV and weathering resistant
- Available in colors according to RAL, NCS and many more
- Satin finish
- No sandblasting required
- Good corrosion protection

An effective solution for renovating metal facades, **RD-Metal Unicoat** offers excellent adhesion to a wide range of substrates. It provides reliable protection against corrosion in moderate industrial and urban atmospheres, while also creating a flexible, durable, and UV-resistant film that withstands weathering.

**RD-Metal Unicoat** is highly regarded and extensively utilized as a straightforward and durable renovation system for metal claddings on warehouses, offices, factories, and more.



WATER-BASED



1 COMPONENT



WIDE VARIETY OF COLOURS



Safe, No hazards



Fast drying



Single Coating System

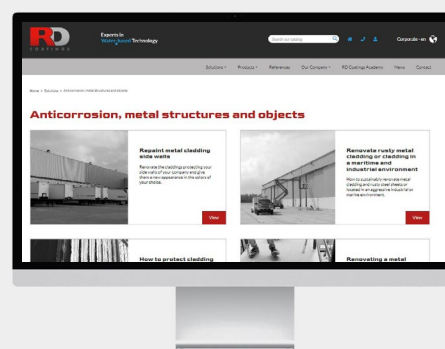


Limited CO<sub>2</sub> and VOC emissions



## PREPARING THE SURFACE USING RD-ECO POWERCLEAN

- **RD-Eco PowerClean** is a powerful biodegradable 2 in 1 alkaline concentrate formulated with special anti-flash rust additives for cleaning and degreasing surfaces before painting.
- **RD-Eco PowerClean**' special additives help to prevent contamination from chlorides and risks of flash rust by leaving a temporary protective layer.
- **RD-Eco PowerClean** is easy to use by simply diluting it into water to clean and degrease most kinds of surfaces with a nap sprayer and high pressure washer.
- **RD-Eco PowerClean** is an innovative and eco-friendly cleaning solution, highly recommended in marine and industrial environments.



## PLASTISOL COATED CLADDINGS? PVDF COATED PANELS? PROBLEMS WITH DELAMINATION?

Detailed renovation procedures are available on RD Coatings' website in the SOLUTION pages.

Find everything you need to know on how to give a new life to existing sidewall claddings. View **videos** and download detailed instructions full of **tips** and **advices**.



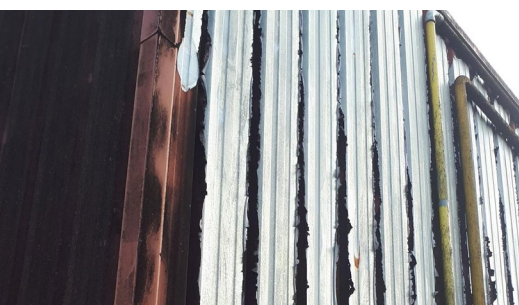
# RENOVATION SYSTEM FOR METAL CLADDINGS



Key West FL, USA



Pier A, New-York, USA



## RD-ELASTOMETAL

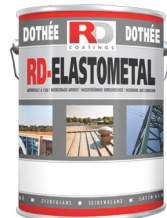
### Protecting metal claddings in a severe industrial or marine environment

In more demanding environments such as heavy industrial areas or locations near the sea, where the risk of corrosion is significant, we recommend using **RD-Elastometal** as the initial coat within the system.

**RD-Elastometal** will provide higher protection against corrosion. It adheres perfectly to metal, weathered galvanized steel (> 1 year old), aluminium surfaces and most already painted surfaces (always check the good adhesion of the existing coating prior to painting).

**RD-Elastometal** acts as a waterproofing and anti-corrosion coating at the same time! Its specific formulation increases the protection level of the metal surface and more specifically the weak points such as edges and seams.

**RD-Metal Unicoat** is applied as a finish in usually one coat.



## RD-HYDROGRAFF HP

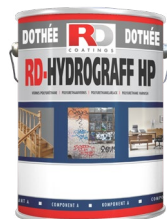
### Protecting metal claddings against graffiti

When there are risks of graffiti, applying a finish coat of **RD-Hydrograff HP** Clear will help to keep the walls clean. The very dense and closed film avoids the penetration of the graffiti that remains on the surface, making it easier to clean and to remove by means of high-pressure washing and detergents.

**RD-Hydrograff HP** Clear is a two-component water-based polyurethane varnish that is extremely resistant to abrasion and chemical contamination. After application, it forms a flexible, highly sealed transparent film that is mechanically and chemically very resistant. It is also available in coloured version and different gloss levels.

### Protecting metal claddings against chemical contamination

**RD-Hydrograff HP** can also be used as a protective finishing coat on areas subject to contamination from adjacent exhausts. Fumes can sometime carry harmful substances that can contaminate the surface of the cladding and induce delamination or discoloring of the coating.



## Recommended quantities and thicknesses

|   | PAINT SYSTEM |                 | FIRST COAT         |      |                 | TOPCOAT   |      |               |
|---|--------------|-----------------|--------------------|------|-----------------|---|------|---------------|
|   | MNOC         | NDFT            | Product            | MNOC | NDFT            | Product   | MNOC | NDFT          |
| Regular system  | 2            | 190 µ / 8 mils  | ✓ RD-Metal Unicoat | 1    | 95 µ / 4 mils   | ✓ RD-Metal Unicoat  | 1    | 95 µ / 4 mils |
| Industrial or marine environment                            | 2            | 270 µ / 11 mils | ✓ RD-Elastometal   | 1    | 175 µ / 7 mils  | ✓ RD-Metal Unicoat  | 1    | 95 µ / 4 mils |
| Anti-graffiti protection / protection against contamination | 1            | 40 µ / 1,6 mils | ✓ RD-Hydrograff HP | 1    | 40 µ / 1,6 mils | Number of coats will depend on potential level of contamination |      |               |

MNOC : minimum number of coats NDFT: nominal dry film thickness (theoretical quantities)

More details in our solutions section on [WWW.RD-COATINGS.COM](http://WWW.RD-COATINGS.COM)



Experts in **Water-based**  
Technology

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