

HIGH QUALITY RENOVATION SYSTEM FOR CONCRETE & FACADES

Novartis Boston, USA



Incinerator chimney, Denmark



DHL NY, USA



RD-ELASTOFLEX



Low VOC elastomeric waterproofing coating high elasticity – crack-bridging – vapor permeability

- 600% elasticity - keeps its elasticity over a broad temperature range and during entire lifespan
- Prevents further cracking, flaking and bulging
- Waterproof and vapor permeable – film is breathable and building stays dry inside
- Solution with moisture regulation that prevents internal condensation - ISO 7783:2018
- High resistance against CO₂ diffusion and weathering
- Protects against chlorides, carbonation and rusting of steel reinforcement
- CE class 2 certification according to EN 1504-2



WATER-BASED



1 COMPONENT



WIDE VARIETY
OF COLOURS

RD-Elastoflex is highly recommended as a waterproofing and protection coating for the renovation of walls, façades and structures made of concrete or bricks. It prevents the penetration of moisture and carbon dioxide and blocks the acceleration of corrosion of the reinforcing steel inside the concrete.

The specific formulation enables to combine different functionalities including high dirt pick-up resistance, good resistance against pollution and a nice aesthetical finish.



Breathable coating



Crack bridging



Permanent elasticity



Life expectancy



Dirt pick resistance



Anti-carbonation

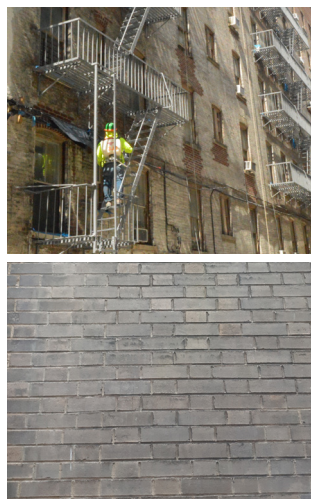
RD-ELASTOFLEX QUARTZ



Elastomeric waterproofing coating with textured effect

- Special version of **RD-Elastoflex**.
- Masks irregularities and surface damage.
- Waterproof and vapour permeable - the building breathes and stays dry.
- Very good weather resistance.
- Can be applied to old or new walls, cement, bricks, concrete, etc.

RD-UNIFIX



Transparent impregnation primer for porous and powdery substrates

- Single-component and waterborne.
- Excellent fixing properties on powdering surfaces.
- Increases the yield of **RD-Elastoflex** system in the case of porous substrates.
- No VOCs



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USING THE MESH

RD-MUR FLEECE

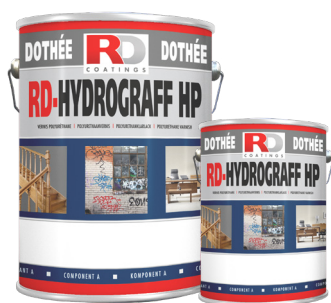
In case of active cracks in the substrates, it is recommended to use the reinforcement mesh **RD-Mur Fleece**.

The mesh is applied directly on the surface after repairs. The first coat of **RD-Elastoflex** is applied on top to virtually glue the mesh to the surface.



RD-Mur Fleece is micro-perforated and used to reinforce waterproofing systems and ensure the durability of the film. It reinforces the crack bridging abilities and will protect weaker parts from water ingress.

RD-Mur Fleece is available in different sizes to better fit the needs.



WATER-BASED



2 COMPONENTS



WIDE VARIETY OF COLOURS OR VARNISH



PROTECTION AGAINST GRAFFITI

RD-HYDROGRAFF HP

When there are risks of graffiti, applying a finish coat of **RD-Hydrograff HP** will help to keep the walls easy to clean. The very dense and resistant 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 is a two-component water-based polyurethane varnish that is extremely resistant to abrasion and chemical spills. After application, it forms a flexible, highly sealed film that is mechanically and chemically very resistant. **RD-Hydrograff HP** is available as a transparent varnish or in colour, with different gloss levels from matt or satin to high gloss.

Recommended quantities and thicknesses

Unpainted surfaces according to spec. EN 1504-2		Dry film thickness in microns / mils	Consumption per m ² / ft ² per gallon	Comments
Impregnation	✓ RD-Unifix		0,10 L / 400	quantity of RD-Unifix will depend on porosity
Primer	✓ RD-Elastoflex	155 / 6	0,40 Kg / 157	
Finish	✓ RD-Elastoflex	155 / 6	0,40 Kg / 157	
TOTAL		310 / 12	0,80 Kg / 78	

Save time! Depending on the porosity of the substrate, it is possible to replace the impregnation coat of **RD-Unifix** by applying directly the first coat of **RD-Elastoflex** diluted by approx. 10% with water!

On non-powdering existing paint - aesthetical fresh-up: The number of coats is directly depending on the orientation of the wall. If the wall is often facing pouring rain, it is advised to apply, all in all, 2 coats of **RD-Elastoflex**. For other walls, 1 coat is enough. If the paint is powdering, apply a first coat of **RD-Unifix**. Repair cracks beforehand!

Smooth concrete surfaces: Apply a first coat of **RD-Elastodeck** diluted by aprox. 25% with water or **RD-Multiprim**. Always remove the curing agent from concrete prior to application!

Anti-graffiti/chemical spills/decontaminable finish: Apply one or two coats of **RD-Hydrograff HP** on the painted or unpainted surface.

More details in our solutions section on WWW.RD-COATINGS.COM



Experts in **Water-based**
Technology

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