

RD-ELASTODECK

R11 – Version 190823

DESCRIPTION OF THE PRODUCT

USE: Single-component water-based liquid waterproofing system for roofs and balconies. Thanks to its simplicity of application, RD-ELASTODECK is particularly suitable for renovation and can be applied directly to many types of substrates such as old roofing, provided that the adhesion of the latter is still good.

FEATURES: Part of the SCS - Single Coating System – product range. The film is elastic, waterproof, dries quickly and is UV resistant. Its very low VOC content does not cause any nuisance during the application and allows the waterproofing of the substrate in a more secure way.

SUBSTRATES: All substrates, except soft PVC, bituminous substrates less than one year old and EPDM membranes.

SYSTEM:

ROOFS WITH SLOPES > 4%:

Porous, untreated surfaces:

- Primer: 1 impregnation layer RD-UNIFIX
- Finish: 1 to 2 layers of RD-ELASTODECK

Smooth, untreated surfaces:

- Primer: 1 layer of RD-ELASTODECK diluted by 25% with water
- Finish: 1 layer of RD-ELASTODECK

FLAT ROOFS, SLOPE < 4%:

Bituminous surfaces that are more than one year old:

- Primer: 1 layer of RD-ELASTODECK - reinforced with the sail RD-ROOF FLEECE
- Finish: 1 to 2 layers of RD-ELASTODECK

Porous, untreated surfaces:

- Primer: 1 impregnation layer RD-UNIFIX
- Finish: 2 to 3 layers of RD-ELASTODECK - reinforced with the sail RD-ROOF FLEECE

BALCONIES:

- Primer:
 - o Porous surfaces: 1 RD-UNIFIX impregnation layer
 - o Smooth surfaces: 1 RD-ELASTODECK bonding layer diluted with 25% water.
- Intermediate layers: 2 layers of RD-ELASTODECK reinforced with RD-ROOF FLEECE.
- Finishing:
 - o Household traffic: 1 to 2 layers of RD-MONOFLOOR PU
 - o Intense traffic: 1 to 2 layers of RD-HYDROGRAFF HP

Contact us to obtain all the possible combinations according to the project and the support to be painted.

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE: The surface must be clean, dust-free and dry. In case of mosses on the support, remove it with a special anti-moss product. Repair cracks using RD-ACRYL W.

Use RD-CEMENT FILLER to perform concrete repairs.

ATTENTION: for all types of supports, the interior spaces must be equipped with steam barriers and sufficient roof ventilation, in order to avoid the formation of condensation under the roof covering.
Sufficient slope must be provided to the waterways to collect rainwater.

APPLICATION CONDITIONS:	Outdoor: never apply if raining Ambient temperature: > 5° C / 41° F Relative Humidity: maximum 80%.
APPLICATION MEANS:	Brush, roller or airless (nozzle: 018-023) Application by airless is recommended and makes it easier to reach the recommended thicknesses. Use a device with a minimum pressure of 180 bar / 2600 psi at the outlet.
DILUTION:	Product is ready-for-use. Otherwise dilute with water on porous or smooth surfaces.
CLEANING OF TOOLS:	Water
CONSUMPTION:	ROOF WITH SLOPE > 4%: 0.5 to 0.8 Kg / m ² depending on the type of climate. FLAT ROOF, SLOPE < 4%: 1.5 to 3 kg / m ² depending on the type of substrate and climate. BALCONIES: 1.5 to 2 kg / m ² depending on the structure of the surface. Important! If RD-ROOF FLEECE is used, it must be completely covered until you no longer see its structure.
PARTICULARITIES:	Mix well before use.

TECHNICAL DATA

FINISH:	Satin - +/- 15% under a 60° angle.
COLOURS:	Grey (standard) and other colours on request
DENSITY:	Ca. 1,25
SOLIDS CONTENT:	In weight: ca. 65 % In volume: ca. 55 %
VOC CONTENT:	Max 7g/L
FLASH POINT:	Not flammable
VISCOSITY:	200 - 300 P (Brookfield 20 Rpm)
DRYING TIME:	Touch dry: 3 hours Recoatable: minimum 6 hours. Varies depending on thickness.
PACKING:	1 Kg - 5 Kg - 25 Kg

STORAGE STABILITY: 12 months in a frost free place

NORMS AND TESTS

LEEDV4 VOC EMISSIONS	CDPH/EHLB/Standard Method V 1.2
WATERPROOFING TO CLEAR WATER	INTERNAL TESTS

SAFETY DATA

The safety data sheet is available on request.

These specifications are given for information. Since the manufacturer is not able to check the right application of the products, he cannot accept any responsibility for it. This technical data sheet replaces all previous editions.