

RD-Flexideck

DESCRIPTION OF THE PRODUCT

Very economic and ecologic universal coating.
Waterborne two components product based on high quality mineral additives and modified emulsions.

USE:

ROOFS

For all roofs (with a slope or flat roofs, with or without water stagnation) and for waterproofing underneath tiles:

Apply 1 coat of RD-FLEXIDECK. In the wet coat, put the RD-ROOF FLEECE MS (without wrinkles and with at least 5 cm of overlap), let dry (30 minutes to 1 hour) and then overcoat crosswise with RD-FLEXIDECK until the fleece is completely covered.

Due to its resistance to roots, the product can be used for the installation of greenroofs.
Product sticks perfectly on PU-Roof insulation foam.

For a waterproof system with a heat-reflecting topcoat:

Apply 1 coat of RD-FLEXIDECK, put RD-ROOF FLEECE in it, let dry and then finish with 1 coat of RD-ROOF WHITE (consumption: 1 kg RD-FLEXIDECK+ 1 kg RD-ROOF WHITE).

Remark: It is also possible to apply first the mesh in the corners. This should be glued (by means of RD-Roof Protect). Afterwards, the first coat of RD-Roof Protect should be applied through the mesh by rolling, brushing or airless spraying. After drying, the second coat has to be applied.

Self levelling, waterproof floor coating

After mixing, the product has to be spread on the floor by means of a doctor blade and egalized with a smoothing trowel. Roll by means of an intended wiper, which has to be adjusted at the required film thickness. Maximum film thickness is 3 mm. After drying, RD-FLEXIDECK can be overcoated by a topcoat of RD-Hydropox, RD-Hydrograff Floor or RD-PU Floor.

Walkeable waterproofing for balconies and terraces

Apply the mixed RD-FLEXIDECK in two coats by means of a long haired roller. Consumption: about 1,5 kg/m². After drying, overcoat with a coat of RD-PU Floor (consumption: about 6 m²/kg)

If the balconies or terraces would be in a bad condition, we advise to reinforce RD-FLEXIDECK by the application of RD-Roof Fleece MS.

Good adhering and waterproof, flexible tile glue

For the waterproof glueing of ceramic wall and floor tiles and plates.

Appropriate in case of increase thermal or static load.

RD-FLEXIDECK can be used on any substrate like concrete, plaster, deck floors, masonry, plasterboard and any other kind of boards.

Advantages:

-Water, heat and frost resistant

-High stability

-High sticking capacity

-Very fast drying time (after the application of the tiles, the surface is walkeable after 3 hours)

-Can be washed in immediately

Consumption rates:

Adjusted thickness of the glue spatula of 3 mm: 1 kg/m²

Adjusted thickness of the glue spatula of 6 mm: 2 kg/m²

Egalizing waterproofing under carpets and tiles

After mixing the product has to be spread on the floor by means of a doctor blade, indented spatula or smoothing trowel to obtain a thickness of maximum 3 mm .

A waterproof coat is obtained, if at least 1 mm dry film thickness is applied.

Coatings for damp cellar walls and spaces and as permanent waterproof coating on exterior walls, garages or building covered with soil

Advantages:

-Perfect for preservation and protection of monuments

-Perfect adhesion on concrete and all mineral substrates

-Can be applied on slightly humid surfaces

-Possible application on old, good adhering coats

-Can be perfectly overcoated

-Easy to clean

-The desired color can be obtained by addition of max. 3 % of a universal colorant

Instructions for use:

After cleaning of the wall RD-FLEXIDECK should be applied in one coat by means of a block brush.

Consumption: 1 kg/m²

As waterproof coating on porous, concrete wells, barrels, purification stations, platforms,...

FEATURES:

The obtained coat is seamless, elastic and completely waterproof.

It protects from stagnant water and all weather conditions like driving rain, snow and frost.

SUBSTRATES:

Any kind of stable, clean and dust free substrate, as well horizontal as vertical.

The humidity inside the concrete should not exceed 20 %.

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE:

In case of dry concrete floors, it is important to dilute the first coat of RD-FLEXIDECK with 20% of water in order to fill up the pores or to wet foundations

Balconies, balustrades, terraces:

On cracked and unstable floors, RD-FLEXIDECK should be reinforced with RD-Roof Fleece, like following:

Apply and stretch RD-Roof Fleece. Roll or brush RD-FLEXIDECK through the fleece and let dry. Roll over by means of a second coat of RD-FLEXIDECK, until the fleece is completely covered.

As a tile glue:

Humidify in case of dry substrates

APPLICATION CONDITIONS :

Ambient temperature: min. 8°C – max. 30° C

R.H.: max. 80 %

Mixing ratio:

- Component A: 37% (in weight)

- Component B: 63 % (in weight)

Mixture: Add slowly component B to component A with a suitable and powerful electrical or mechanical blender (min. 1500 Rpm), preferentially a cement or concrete mixer, in order to obtain an easy to handle mixture.

APPLICATION-MEANS :

Brush, roller, doctor blade, smoothing trowel, glue spatula or airless (ex. Graco Mark V or equivalent) – Nozzle opening: 023-026.

DILUTION:	Add 5 % of water, if necessary. The exact amount of water will depend on the viscosity of the mixture, the ambient temperature and the temperature of the substrate.
REINIGING :	Water
CONSUMPTION :	Roofs: 1,5 a 2 kg/m ² depending on the condition of the substrate As a self levelling, waterproof floor coating: 4 kg/m ² As waterproofing of balconies and terraces: 1,5 kg/m ² As a tile glue: 1 to 2 kg/m ² As waterproofing under carpets and tiles: 2 to 4 kg/m ² As coating for slightly humid cellar walls and rooms: 1 kg/m ²

TECHNICAL DATA

FINISH :	Mat
COLOURS :	Beige
DENSITY:	A + B: ca 1,5 A: 0,96
SOLIDS CONTENT:	A + B: In weight: Ca. 82.3 % - Volume: about 73 %
VOC CONTENT:	A + B : max. 1,6 g/l
FLASH POINT :	N/A
VISCOSITY :	A: 30-60 P (Brookfield 20 Rpm) A + B: 350 – 450 P (Brookfield 20 Rpm)
DRYING TIME :	Always dependent on the ambient weather conditions and temperature. At a consumption of 1 kg/m ² per coat: <ul style="list-style-type: none"> - On touch: 30 minutes to 1 hour at 20°C. - Recoatable: after 1 hour at 20° C. As a self levelling floor coating at a film thickness of 3 mm: <ul style="list-style-type: none"> - On touch: 2 hours - Recoatable: after 3 hours Walkeable: after 12 hours Potlife: 6 hours 2 hours after the addition from B to A, the product should be remixed.
PACKAGING :	5 kg (A: 1.88 kg – B: 3.12 kg)
STORAGE STABILITY :	12 months in a frost free and dry place (both components)

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.