



N.V. DOTHÉE S.A.

RD-THERMOFLEX

DESCRIPTION OF THE PRODUCT

USE	Waterborne onecomponent product – Waterproofing and heat insulation for walls and façades – Heat insulation for roofs - Based on pure acrylic resin and ceramic microspheres dispersed in water.
FEATURES	Elastic over a broad temperature range – Excellent dirt pick-up resistance – Excellent outdoor durability – Very high solids content – Reduces thermal shock and heat penetration.
SUBSTRATES	New and old masonry - Cement – Concrete – All kinds of roofs
SYSTEM:	<p>WALLS: 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-THERMOFLEX. For other walls, 1 coat is enough. Fill up the cracks. Unpainted porous substrates:</p> <ul style="list-style-type: none"> • Primer: 1 coat of impregnation RD-UNIFIX. • Topcoat: 1 or 2 coats of RD-THERMOFLEX <p>Powdering painted substrates:</p> <ul style="list-style-type: none"> • Primer: 1 coat of impregnation RD-UNIFIX. • Topcoat: 1 or 2 coats of RD-THERMOFLEX <p>Not powdering painted substrates:</p> <ul style="list-style-type: none"> • Topcoat: 1 or 2 coats of RD-THERMOFLEX directly on the substrate. <p>ROOFS: Porous, non treated surfaces:</p> <ul style="list-style-type: none"> • Primer: 1 coat of impregnation RD-UNIFIX. • Topcoat: 1 to 2 coats of RD-THERMOFLEX <p>Iron and steel:</p> <ul style="list-style-type: none"> • Primer: 1 coat of RD-ELASTOMETAL • Topcoat: 1 coat of RD-THERMOFLEX <p>Bituminous substrates older than one year old:</p> <ul style="list-style-type: none"> • Primer: 1 coat of RD-ELASTODECK • Topcoat: 1 coat of RD-THERMOFLEX

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE:	The substrate has to be clean, dry, and free of dust. New masonries have to be cleaned first with an iron brush to eliminate all spatters of mortar. Painted substrates should be cleaned with a high-pressure machine. If the support is mossy, the moss must be removed with a special anti-moss product. Fill up the cracks with an appropriate, acrylic, elastic filler.
APPLICATION CONDITIONS	Outdoor: never apply if raining Ambient temperature: > 5°C R.H.: max. 80%
APPLICATION MEANS	Airless, brush or roller

DILUTION:	Water
CLEANING OF TOOLS:	Water
CONSUMPTION:	Ca. 350 g/m ² per coat
PARTICULARITIES:	Mix softly before use Too heavy mixing could destroy the ceramic micro-spheres which are part of the system.

TECHNICAL DATA

FINISH:	Flat
COLOURS :	White, this is necessary in order to have an optimal heat reflectance.
SOLIDS CONTENT :	In weight : ca. 68 % In volume : ca. 57 %
VOC CONTENT:	Max 30 g/L
DENSITY:	Ca 1.35
FLASH POINT :	Not flammable.
VISCOSITY:	100 - 150 P (Brookfield 20 Rpm)
DRYING TIME:	On touch: 2 hours Recoatible: 24 hours.
PACKING:	1 Kg – 5 Kg – 25 Kg
STORAGE STABILITY:	12 months, keep away from frost.

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.