RD-THERMOFLEX

DESCRIPTION OF THE PRODUCT

USE
Waterborne one component product – Waterproofing and heat insulation for walls and façades – Heat insulation for roofs - Based on pure acrylic resin and ceramic micro-spheres 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:

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:
- Primer: 1 coat of impregnation RD-UNIFIX.
- Topcoat: 1 or 2 coats of RD-THERMOFLEX

Powdered painted substrates:
- Primer: 1 coat of impregnation RD-UNIFIX.
- Topcoat: 1 or 2 coats of RD-THERMOFLEX

Not powdering painted substrates:
- Topcoat: 1 or 2 coats of RD-THERMOFLEX directly on the substrate.

ROOFS:

Porous, non treated surfaces:
- Primer: 1 coat of impregnation RD-UNIFIX.
- Topcoat: 1 to 2 coats of RD-THERMOFLEX

Iron and steel:
- Primer: 1 coat of RD-ELASTOMETAL
- Topcoat: 1 coat of RD-THERMOFLEX

Bituminous substrates older than one year old:
- 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-pression 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/m² 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
Recoatable: 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.