



N.V. DOTHÉE S.A.

RD-ELASTOMETAL

DESCRIPTION OF THE PRODUCT

USE : Waterborne one component anticorrosion product. Based on styrene-acrylic copolymer and zinc phosphate. This product can be used as well as a primer or as a finishing coat.

FEATURES : RD-Elastometal is the absolute environmentally friendly protection against rust.

- Easy application with airless, brush or roller.
- Time and labor saving
- Free from toxic fumes
- Permanent elasticity
- Not inflammable during and after application.
- Can be used in the food industry (test report from University of Ghent code 6987, 11 sept.2002)
- Permanent elasticity (more than 200%)
- Excellent for ferro and non-ferro
- Anti-corrosion protection for virtually all types of metal surfaces
- Appropriate for roofs – carrier constructions - bridges
- Appropriate for exterior walls of storage tanks and pipelines.
- Appropriate for cladding sheets - metal parapets etc.
- Appropriate for metal constructions of water treatment plants
- Appropriate for steel and chemistry industries
- Test report CoRI (Coatings Research Institute - Limelette - Belgium): ES-020611.b of 14.06.2002)
- Test report from Commercial Testing Company, Dalton (USA) nr.04-12152 (13 dec.2004)
- Lifetime: Guaranteed for more than 10 years.
- Easy, environmentally friendly preparation of the substrate.





N.V. DOTHÉE S.A.

APPLICATION INSTRUCTIONS

THE APPLICATION OF
RD-ELASTOMETAL AS
ANTI-CORROSION
SYSTEM:

PREPARATION:

- a) Heavy rusty surface:
Sand blasting to SA 2 ½ - with complete removal of the skin in case of new steel.
- b) Corroded surface with old peeling paints:
Cleaning by rinsing under high pressure (300 bar) in order to remove the rust skin, rust dust and all badly adhering paints.

After derusting, immediately apply a coating of RD-Elastometal in order to avoid flash rust.

After cleaning and derusting (standard Sa2 or ST2), the substrate must be dry, degreased and free of dust.

- c) New steel with or without a shop primer:
Clean preferably by means of hot water with the addition of an environmentally friendly degreasing detergent. Rinse thoroughly.
- d) New galvanized or galvanized surfaces.
After cleaning, apply a coat of RD-Multiprim as adhesion coat.

APPLICATION MEANS:

With brush, roller or airless spray equipment (nozzle opening: 015-023)
With airless in two coats at a rate of 400 g/ coat, with brush or roller min. 3 coats are needed.

DILUTION :

Water, by airless application no more than 3% should be added
Mix well before use

CONSUMPTION :

Required dry film thickness: min.350 µ corresponding to 800 g/m²
This is consistent with the required thickness for a guarantee of ten years.





N.V. DOTHÉE S.A.

TECHNICAL DATA

FINISH :	Satin gloss.
COLORS :	See color chart - Ral colors, NCS fan etc.
DENSITY:	Ca. 1.2
SOLIDS CONTENT:	Weight : 64-66 % Volume : 55-57 %
VOC CONTENT:	Max 8 g/L
VISCOSITY :	180 – 220 P (Brookfield 20 Rpm).
DRY TIME :	On touch : about 3 hours. Recoatable : after 6 hours.
PACKING :	1 Kg – 5 Kg – 25 Kg.
STORAGE STABILITY :	12 months: keep away from frost.

SAFETY DATA

Symbol:	N : Dangerous for the environment
R 51/53	Toxic to aquatic organisms/ may cause long-term adverse effects in the aquatic environment
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheet.

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.

RD-COATINGS ZI DE LA FAGNE · Rue Ernest MATAGNE 19 · B 5330 ASSESSE
tél.: +32(0) 83.23.38.02 · Fax: +32(0) 83.23.38.03 · URL: www.dothee.com · E-MAIL: info@dothee.com

