



New Guard Coatings Group

A global reputation to protect.

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NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

Technical sheet : RD-AquaFinish 97

Description of the product

USE:

High performance interior and exterior metallic effect enamel with superior properties.

FEATURES:

RD-Aquafinish 97 is a single-component topcoat based on acrylic and polyurethane resins that offers a hard flexible and wear resistant white aluminium film effect that can be used for decorative and protective purposes.

RD-Aquafinish 97 is water-based, easy to handle, safe and has no fire risks.

It is a fast-drying coating system that greatly reduces downtime during installation.

Virtually odour free, it does not affect neighbouring occupants and can therefore be used in occupied buildings.

RD-Aquafinish 97 creates a nice and smooth finish. Thanks to its high-quality aluminium pigments, it offers very good resistance to humidity and has a very good outdoor durability.

SUBSTRATES:

Various surfaces like plastics, concrete, cement, wood, metal, when primed accordingly.

Systems

Ferrous metals		Wet film thickness in microns / mils	Dry film thickness in microns / mils	Consumption per m ² / ft ² per gallon
Primer	RD-Monoguard	200 / 8	85 / 3,4	0,20 l / 200
Finish	RD-Aquafinish 96	100 / 4	30 / 1,2	0,10 l / 400
TOTAL			115 / 4,6	

Non-ferrous metals - (stainless steel, aluminium, ...), plastics, wood		Wet film thickness in microns / mils	Dry film thickness in microns / mils	Consumption per m ² / ft ² per gallon
Primer	RD-Multiprim	100 / 4	40 / 1,6	0,10 l / 400
Finish	RD-Aquafinish 96	100 / 4	30 / 1,2	0,10 l / 400
TOTAL			70 / 2,8	

Non-ferrous metals option 2 - stainless steel, aluminium, ...:		Wet film thickness in microns / mils	Dry film thickness in microns / mils	Consumption per m ² / ft ² per gallon
Primer	RD-Monoguard	115 / 4,5	50 / 2	0,12 l / 350
Finish	RD-Aquafinish 96	100 / 4	30 / 1,2	0,10 l / 400
TOTAL			80 / 2,8	

If the surface will be subject to chemical spills, high wear, or abrasion, apply one or two coats of RD-Hydrograff HP Clear as finish. Indicated consumption is theoretical and does not consider potential losses during application. It can also be influenced by the porosity of the substrate.

Application instructions

APPLICATION CONDITIONS:

Ambient temperature: minimum 5°C (41°F) – optimal between 12 and 25°C (54 and 77°F).

Relative humidity: maximum 80%

Surface temperature must be minimum 3°C (5°F) above dew point.

APPLICATION MEANS:

Brush, roller or low pressure pneumatic spray gun.

PREPARATION OF THE SUBSTRATE:

Preparation will depend on the kind of substrate. In general, the surface must first be coated with a primer, clean and degreased prior to applying RD-Aquafinish 96.

DILUTION:

Product is ready-for-use.

DRYING TIME (20°C - 68°F):

Touch dry: +/- 1h30 hour

Dry: +/- 2 hours

Recoatable: +/- 4 hours

CLEANING OF TOOLS:

Water

SPECIFICITIES:

Mix well before use.

Technical data

FINISH (Gardner 60°):

Satin: 40 +/- 5

COLOURS:

RAL 9007. Grey aluminum

DENSITY:

1.05 +/- 0.05 g/cm³

SOLIDS CONTENT:

In weight: 32 % +/-2

In volume: 29 % +/-2

VISCOSITY:

60 - 80 P (Brookfield 20RPM)

VOC CONTENT:

< 130 g/l

FLASH POINT:

Not flammable

STORAGE:

24 months, keep away from frost and store away from heat.

Safety data

Information related to hygiene and to safety can be found in the Safety Data Sheet available on request.

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

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