



New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

Rights are reserved to change and update the data without notice.

This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

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

Technical sheet : RD-AquaRoad

Description of the product

USE:

Fast drying A2 type traffic paint for road markings, especially suited for outdoor lines and crosswalks in populated or rural areas

FEATURES:

Single component water-based traffic paint based on pure acrylic resins for outdoor use only.

RD-Aquaroad 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 densely populated or rural areas.

RD-Aquaroad is UV resistant and has very good resistance against wear and abrasion.

RD-Aquaroad is part of the SCS – Single Coating System - product group.

SUBSTRATES:

Concrete – asphalt

Systems

| On new asphalt | | Wet film thickness in microns / mils | Dry film thickness in microns / mils | Consumption per m ² / ft ² per gallon |
|----------------|-------------|---|---|--|
| Primer | RD-Aquaroad | 100 / 4 | 60 / 2,5 | 0,15 Kg / 400 |
| Finish | RD-Aquaroad | 400 / 16 | 240 / 10 | 0,6 Kg / 100 |
| TOTAL | | | 300 / 12,5 | 0,6 Kg / 100 |

Beads:

It is possible to apply beads in the paint at a rate of 300 g/m²

Sandwich system:

Apply 300 g/m² of Aquaroad and sprinkle the beads gradually at a coverage of 300 g/m². Then apply again 300 g/m² of Aquaroad.

Multilayer system:

Apply 300 g/m² of Aquaroad and sprinkle the beads gradually at coverage of 300 g/m². Then apply again 300 g/m² of Aquaroad and sprinkle again the beads at coverage of 300 g/m².

Aesthetical fresh-up:

A single coat is possible on previously painted surfaces in need of an aesthetic refreshment.

Application instructions

APPLICATION CONDITIONS:

Ambient temperature: minimum 10° C (50°F)
Optimal between 12° and 25°C (54° and 77°F).
Relative humidity: maximum 85 %

APPLICATION MEANS:

Brush or airless (nozzle size: 019-025)

PREPARATION OF THE SUBSTRATE:

The substrate must be clean: dry, degreased and dust free. Non adhering elements such as older coatings must be removed.

DILUTION:

Product is ready-for-use.

DRYING TIME (20° C - 68° F):

Touch dry: +/- 30 minutes

CLEANING OF TOOLS:

Water

SPECIFICITIES:

Mix well before use.

Technical data

FINISH (Gardner 60°):

Mat 5 % +/- 5

COLOURS:

White, Yellow, Black, Red, Orange, Green, Blue

DENSITY:

1.55 +/- 0.05 g/cm³

SOLIDS CONTENT:

In weight: 75 % +/-2 (white)
In volume: 61 % +/-2 (white)

VISCOSITY:

90 KU (Krebs)

VOC CONTENT:

< 55 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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