

## PRODUCT DATASHEET

# Rapidac QD Aluminium

### PRODUCT INFORMATION

**Reference Number:**

7-3

**Coating type:**

Modified alkyd

**Typical uses:**

Fast drying bright aluminium for general use on steelwork, valves, etc.

**Colours available:**

Aluminium

**Appearance:**

Low sheen

**Features and benefits:**

- Quick drying for improved productivity
- Bright aluminium finish

### TECHNICAL INFORMATION

**Theoretical coverage:**

12.5m<sup>2</sup> per litre at 20 microns dry film thickness

**Film thickness:**

	Wet film thickness	Dry film thickness
<b>Typical:</b>	80 microns	20 microns
<b>Range:</b>	60-120 microns	15-30 microns

**Recommended primers:**

13-LINE Rapidac Metal Primers

98-LINE QD Anti-Corrosion Primers

**V.O.C.:**

622gm/ltr EPA Method 24

641gm/kg calculated from formulation to satisfy EU

Solvent Emissions Directive

*May vary with colour.*

**% Volume solids:**

25% calculated from laboratory formulation

*May vary with colour.*

**Drying time:**

Temp.	Touch dry	Firm dry	Overcoat
5°C	50 mins	7 hrs 30 mins	Overnight
10°C	40 mins	6 hrs	Overnight
15°C	30 mins	4 hrs 30 mins	Overnight
20°C	20 mins	3 hrs	Overnight

*Drying time will vary with temperature, air movement, etc. This product should be overcoated with Dacrylate Clear Acrylic Lacquer (8-39) to prevent any marring of the aluminium surface.*

### SURFACE PREPARATION

**Paint preparation before use:**

Make sure that the paint is stirred well before use, making sure the bottom of the can is stirred as well to ensure the paint is mixed well until the paint is homogenous and has a good consistency

**Mixing ratio by volume:**

N/A

**Surface preparation:**

All surfaces to be coated should be clean, dry, and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000

This product can be applied direct to clean steel for decorative purposes.

## APPLICATION

### Application conditions:

This material should preferably be applied at temperatures in excess of 10°C. Relative humidity should not exceed 90% and in these conditions good ventilation is essential. Substrate temperature should be at least 3°C above the dew point and always above 0°C.

At application temperatures below 10°C, drying and curing times will be significantly extended, and spraying characteristics may be impaired.

### Airless spray:

Tip size: 13-15thou (0.33-0.38mm)  
Tip pressure: Minimum 2000psi (137bar)

### Conventional spray:

Tip size: 55 thou (1.4mm)  
Tip pressure: 40-60psi (2.76-4.14bar)

### Brush application:

Brush application is limited to small areas or narrow sections.

### Thinning:

10% of Dacrylate Thinner R5 may be required when spraying the product to achieve optimum spray characteristics.

### Clean-up:

Clean all equipment after use with Dacrylate Thinner R5. Do not allow product to remain in hoses, guns, or spray equipment. All surplus product should be disposed of in accordance with appropriate regional regulations/legislation.

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## STORAGE AND PACKAGING

### Storage:

Under cover within temperature range of 5°C to 32°C. Keep containers dry and tightly sealed to avoid moisture contamination.

### Shelf life:

1 year in unopened containers when stored under cover within a temperature range of 5°C to 32°C.

### Pot life (at 20°C):

N/A

### Packaging:

5 litre lever lid tins

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## HEALTH AND SAFETY

Please refer to the following data sheets:  
**7-3 LINE 10202 Rapidac Brilliant Aluminium**

*All work involving the application and use of this product should be performed in compliance with all relevant national, health, safety & environmental standards, and regulations*

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## ADDITIONAL NOTES

The application and spray information given above is intended as a guide only. As conditions vary from job-to-job, it is the applicators responsibility to ensure all equipment in use has been set up to give the best results.

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## IMPORTANT INFORMATION

The information supplied in this product datasheet is not intended to be exhaustive. Any person using the product for any other purpose than that specifically recommended in this product datasheet, without first obtaining written confirmation from Dacrylate Technical Services as to the suitability of the product for the intended purpose does so at their own risk. All advice given about the product is correct to the best of our knowledge, however we have no control over the condition of the substrate, preparation or the many factors affecting the use and application of the product. Therefore, unless specifically agreed in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product.

Dacrylate warrants its products to be free from defects in material and workmanship. Dacrylate's obligations and buyer's exclusive remedy relating to the products shall be limited, at Dacrylate's option, to either replace the products not conforming the warranty or the credit of the buyers account in the invoiced amount of the non-conforming product. Any claim under this warranty must be made by the Buyer to Dacrylate in writing within five (5) days of the Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. The Buyer's failure to notify Dacrylate of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

The information detailed in this datasheet is liable to modification from time-to-time in the light of experience and our programme of product development. Before use, it is the customers responsibility to check with Dacrylate Customer Services, quoting the product reference number and version reference at the bottom of the data sheet, to ensure that they have in their possession the latest issue.

Technical product datasheets are available from our website at [www.dacrylate.co.uk](http://www.dacrylate.co.uk), and should be the same as this datasheet. Should there be any discrepancies between this document and the website version, then please contact Dacrylate Customer Services.

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