

TECHNICAL PRODUCT DATASHEET

QD3 Quick Drying Enamel

QD3 is a fast-drying gloss finish enamel for general metal work, formulated to be easy to use with good adhesion and quick drying.

PRODUCT INFORMATION

Coating type:

Modified alkyd

Reference number:

■ 10-LINE

Features and benefits:

- Quick drying
- Durability of 2-5 years
- Good adhesion
- Ease of application
- Full colour availability

Appearance:

■ Gloss

Colours available:

All British standard and RAL colours available along with colour matching service

TECHNICAL INFORMATION

Theoretical coverage:

10.7m² per litre at 30 microns dry film thickness.

Recommended primers:

Rapidac Metal Primer (13-LINE)
2-Pack Fast Dry Etch Primer (78-87)
QD Anti-Corrosion Primers (98-LINE)

Film thickness:

	Wet film thickness	Dry film thickness
Typical:	95 microns	30 microns
Range:	60-125 microns	20-40 microns

V.O.C.:

555g/m²/litr EPA Method 24
470g/m²/kg calculated from formulation to satisfy EU
Solvent Emissions Directive
May vary with colour

% Volume solids:

32% calculated from laboratory formulation
May vary with colour

Drying time:

Temp.	Touch dry	Firm dry	Overcoat	Full Cure
5°C	40 mins	75 mins	Within 5 hrs of 1 st coat	25 days
10°C	30 mins	60 mins	Within 4 hrs of 1 st coat	20 days
15°C	25 mins	45 mins	Within 3 hrs of 1 st coat	15 days
20°C	15 mins	30 mins	Within 2hrs of 1 st coat	10 days

Drying time will vary with temperature, air movement, etc

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.

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.

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.

Conventional spray:

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

Brush application:

Suitable for application by brush on small areas only.

Roller application:

Suitable for application by roller on small areas only.

Thinning:

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

Up to 3% of Dacrylate Thinner R64 may be required when applying by brush or roller.

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.

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:

2 years or longer in unopened containers when stored under cover within a temperature range of 5°C to 32°C or 'use by' date on packaging.

Packaging:

5 litre containers

HEALTH AND SAFETY

Please refer to the following data sheets:

10-LINE 11012 QD3 (*Unleaded*)

10-LINE 11013 QD3 (*Leaded*)

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

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.

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 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.

© Dacrylate Paints Ltd. 2020

Lindley's Lane, Kirkby-in-Ashfield, Nottinghamshire NG17 8AL. Tel.: 01623 753845 Email: enquiries@dacrylate.co.uk

www.dacrylate.co.uk