

PRODUCT DATASHEET

2-Pack Etch Primer for Aluminium

PRODUCT INFORMATION

Reference Number:

78-94

Coating type:

PVB/

Typical uses:

Lead-chromate free coating specifically, for aluminium.
Can be used on other ferrous and non-ferrous metals,
galvanising, etc.

Colours available:

Yellow

Appearance:

Low sheen

Features and benefits:

- Easy application for reduced labour costs
- Promotes adhesion to a variety of metal substrates allowing one product to be stocked for multiple purposes

TECHNICAL INFORMATION

Theoretical coverage:

9m² per litre at 10 microns dry film thickness

Film thickness:

	Wet film thickness	Dry film thickness
Typical:	110 microns	10 microns
Range:	65-165 microns	6-15 microns

Recommended topcoats:

Contact Dacrylate Paints for information on suitable systems that can be used in conjunction with this primer.

V.O.C.:

737g/m³ EPA Method 24

768g/m³ calculated from formulation to satisfy EU Solvent Emissions Directive

% Volume solids:

9% calculated from laboratory formulation.

Drying time:

Temp.	Touch dry	Firm dry	Overcoat
5°C	20 mins	25 mins	8 hrs
10°C	15 mins	20 mins	6 hrs
15°C	10 mins	15 mins	4 hrs
20°C	5 mins	10 mins	3 hrs

Drying time will vary with temperature, air movement, etc.

SURFACE PREPARATION

Paint preparation before use:

Stir the base component thoroughly, then add the activator to the base in the ratio mentioned below. Mix the activator and base until they become homogenous.

Mixing ratio by volume:

1-part base to 1-part activator

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

Degrease all surfaces thoroughly with Dacrylate Thinner R11.

APPLICATION

Application conditions:

This material should preferably be applied at temperatures more than 10°C. Relative humidity should be less than 80% and in these conditions good ventilation is essential. Substrate temperature should be at least 3°C above the dew point and always above 5°C.

Do not apply in cold, damp conditions and apply at temperatures above 5°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:

Apply evenly with a full wet brush.

Thinning:

Dacrylate Thinner R11 may be required when spraying the product to achieve optimum spray characteristics.

Clean-up:

Clean all equipment after use with Dacrylate Thinner R11. 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:

12 months or longer in unopened containers when stored under cover within a temperature range of 5°C to 32°C.

Pot life (at 20°C):

8 hours - *Do not use after this period*

Packaging:

5 litre two-pack composite pack

HEALTH AND SAFETY

Please refer to the following data sheets:

78-094 10837 2-Pack Etch Primer Base

78-074A 10398 2-Pack Etch Activator

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.

Avoid over-application, apply as a thin, wet, continuous film

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.

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

www.dacrylate.co.uk