

TECHNICAL PRODUCT DATASHEET

Dacprime 71

Dacprime 71 is an acrylated rubber high build primer/undercoat containing anti-corrosive pigment idea for long-term protection of mild steel and galvanised surfaces.

PRODUCT INFORMATION

Coating type:

Acrylated rubber high build primer/undercoat containing anti-corrosive pigment.

Appearance:

Low sheen

Reference number:

71-LINE

Colours available:

Full range to special order. Contact Dacrylate Customer Services for more details.

TECHNICAL INFORMATION

Theoretical coverage:

7m² per litre at 50 microns dry film thickness

Film thickness:

	Wet film thickness	Dry film thickness
Typical:	140 microns	50 microns
Range:	140-215 microns	50-75 microns

Sag tolerance:

360 microns wet film thickness

Recommended topcoats:

Acrylic Rubber HB Finish (71-LINE)

V.O.C.:

530gm/ltr EPA Method 24
442gm/kg calculated from formulation to satisfy EU Solvent Emissions Directive
May vary with colour.

Volume solids:

35% (ASTM-D2697-91)

May vary with colour.

Drying time:

Temp.	Touch dry	Firm dry	Overcoat Spray	Overcoat Brush
5°C	75mins	5hrs	12hrs	20hrs
10°C	60mins	4hrs	8hrs	16hrs
15°C	45mins	3hrs	6hrs	12hrs
20°C	30mins	2hrs	4hrs	8hrs

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.

Mild steel, corroded and/or millscale present:

Preferred method is abrasive blast to ISO 8501-1. S.A 2.5.

Galvanised steel:

Clean, degrease and pre-treat with Dacrylate Mordant Solution (T-Wash) ref: 150-23. Any damaged or cut galvanising should be treated with Epidac 1 Zinc Rich Primer (79-6).

APPLICATION

Application conditions:

This material should preferably be applied at temperatures more than 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: 11-13 thou (0.28-0.33mm)
Tip pressure: 2000-2500psi (137.9-172.4 bar)

Conventional spray:

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

Brush application:

Apply using 'full' wet brush. Do not attempt to 'brush out' or 'lay off'. Ensure recommended wet film thickness is applied to give specified dry film thickness.

Thinning:

Up to 10% of Dacrylate Thinner R18 may be required when conventional spraying the product to achieve optimum spray characteristics.

Clean-up:

Clean all equipment after use with Dacrylate Thinner R18. Do not allow product to remain in hoses, guns, or spray equipment. All surplus products 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 in unopened containers when stored under cover within a temperature range of 5°C to 32°C.

Packaging:

5L tins

HEALTH AND SAFETY

Please refer to the following data sheets:

71-LINE 11062 Dacprime 71

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.

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