

PRODUCT DATASHEET

AC Universal Primer/Undercoat

PRODUCT INFORMATION

Reference Number:
115-1

Coating type:
Water-borne acrylic

Typical uses:
Interior/exterior primer/undercoat for woodwork, hardboard, chipboard etc. May be rapidly over coated with solvent-based and water-based decorative paints. AC Universal is a combined primer and undercoat.

Colours available:
White

Appearance:
Matt

Features and benefits:

- Over-coatable with a variety of product types for flexibility of use.
- A primer/undercoat suitable for use on a wide variety of surfaces.

TECHNICAL INFORMATION

Theoretical coverage:
10m² per litre depending on porosity of substrate, etc.

V.O.C.:
33 grm/ltr EPA Method 24
21grm/kg calculated from formulation to satisfy EU Solvent Emissions Directive

Drying time:

Temp.	Touch dry	Firm dry	Overcoat with water based coatings	Overcoat with solvent based coatings
5°C	50 mins	2 hrs 30 mins	2 hrs 30 mins	5 hrs 30 mins
10°C	40 mins	2 hrs	2 hrs	5 hrs
15°C	30 mins	1 hr 30 mins	1 hr 30 mins	4 hrs 30 mins
20°C	20 mins	1 hr	1 hr	4 hrs

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.

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. Previously painted surfaces should be lightly abraded with abrasive paper and wiped clean.

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: 9-11thou (0.23-0.28mm)
Tip pressure: Minimum 2000psi (137bar)

Conventional spray:

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

Brush application:

Apply evenly with a full wet brush.

Roller application:

Apply evenly with a full wet roller.

Treatment of knots:

Water-based wood primers are essentially 'self-knotting'. The fully dried AC Universal is unaffected by the resinous material in the knots. (Unlike oil-based primers which allow the resins in the timber to permeate through the film.) Timber which is heavily knotted should be spot-primed with the A.C. Universal in the knotted areas and allowed to dry for at least 2 hours before overall priming.

Thinning:

Up to 10% of clean water may be required when spraying the product to achieve optimum spray characteristics.

Clean-up:

Clean all equipment after use with water immediately. 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.

Protect from frost.

Shelf life:

2 years or longer 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:

1 litre, 2.5 litre and 5 litre containers

HEALTH AND SAFETY

Please refer to the following data sheets:

115-1 20329 AC Universal Primers

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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