

PRODUCT DATA SHEET

Product & Reference: PC5AS Range Urethane Alkyd Undercoat.

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PC5AS RANGE URETHANE ALKYD UNDERCOAT

An air drying undercoat based on a urethane modified alkyd, pigmented with inert pigments and extenders. It is designed for use under all alkyd or oleoresinous finishes.

PRODUCT INFORMATION

Weight per litre	1.24 Kilos (varies with shade)
Volume solids	52 ± 2%
Colours	White, light grey and dark grey
Gloss level	Matt
Flash point	36°C Flammable
Theoretical coverage	13 m ² /litre at 40 micrometres dft. (Subject to surface profile, application conditions and techniques).
Pack size	5 litres
VOC content	386 g/Litre

HEALTH AND SAFETY

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on the Health and Safety Data Sheet and the containers. If for any reason a copy of the relevant Health and Safety Data Sheet is not immediately available, the user should contact Akzo Nobel Industrial Coatings to obtain a copy before using the product.

APPLICATION DETAILS

Method of application	Brush liberally as supplied. Do not over brush. Monitor wet film thickness. Airless Spray with tip size 0.33 - 0.38 mm at a pressure of 140-160 Kg/cm ² . Select tip angle and pressure to suit application conditions. Monitor wet film thickness.
Wet film thickness	50 - 100 micrometres (maximum)
Dry film thickness	25 - 50 micrometres (maximum)
Mixing instructions	Stir thoroughly before use
Thinner	Thinning is not normally required. In cold weather up to 5% (0.25 litre per 5 litres) PC3CG000 may be added to aid application.
Cleaner	PC3CG000
Drying Time	With free air circulation. Times will be extended in still air conditions, high humidity or if over applied.

AMBIENT CURING @ 25 MICROMETRES DFT.				
Substrate Temp.	Touch dry	Hard dry	Overcoating Intervals	
10°C	6 hrs	16 hrs	Min. 24 hrs	Max.) Indefinite
20°C	3 hrs	8 hrs	Min. 12 hrs	Max.) if clean
30°C	1½ hrs	4 hrs	Min. 6 hrs	Max.) and sound.

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SURFACE PREPARATION

All surfaces must be appropriately primed, clean, dry and free from oil, grease and other contaminants. Most conventional primers or blast primers are suitable.

STORAGE

Conditions: In a cool, dry and well ventilated place.
Shelf Life: 18 months in original unopened containers
Temperature: Between 5°C and 30°C.

LIMITATIONS ON USE

Do not apply when rain, sleet, snow or mists are imminent.
Do not apply at temperatures below 4°C or when the relative humidity is over 95%.
Do not apply when the temperature is less than 3°C above the dew point.
Do not use on surfaces likely to operate at temperatures over 120°C.

For conditions not covered in this data sheet refer to Akzo Nobel Industrial Coatings Advisory Department.
All material supplies are subject to AKZO NOBEL INDUSTRIAL COATINGS LIMITED current Terms and Conditions of Sale.

This Data Sheet supersedes all previous Data Sheets supplied to you relating to this product. It contains important information which must be communicated to the user. The user must satisfy himself of the suitability of the product for the intended application and surface, as surface and application conditions are beyond Akzo Nobel Industrial Coatings Ltd control. The user must also satisfy himself of the suitability of the product in circumstances other than those set out in this Data Sheet. The user must also maintain appropriate quality control procedures. Akzo Nobel Industrial Coatings Ltd is always willing to answer user's enquiries regarding its products.