



TECHNICAL DATA SHEET

ACE 2 PREMIUM QD HB ONE COAT FINISH

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ACE2	1	23 October 2006	23 October 2006	

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Properties and Uses

PROPERTIES:

Easy to apply and quick drying. Good resistance to common industrial chemicals, lubricating oils, etc. Attractive glossy appearance. Recoatable within two hours. Affords protection for both interior and exterior usage having good flexibility, adhesion and resistance to weathering.

USES:

Especially developed for the waste container manufacturing industry where a glossy, protective coating is required.

Technical Data

TYPE:

Short oil modified alkyd resin with carefully selected pigments.

DRYING TIME:

Touch dry About 15 minutes to BS3900 part C2 under normal conditions of temperature and humidity. Through dry in one hour. Recoatable within two hours and full cure after 7 days.

THEORETICAL SPREADING CAPACITY:

Approximately 5 square metres per litre on smooth non-porous surfaces, depending on surface porosity and texture to achieve a dry film thickness of 75 microns.

FLASH POINT:

In the range 21 - 55°C FLAMMABLE LIQUID.

NON VOLATILE CONTENT:

These figures will vary upon the pigmentation used but are normally within the following ranges:

By Volume approx.42% dependent on colour.

THINNERS AND CLEANING SOLVENT:

Thinners Ref. ACE TH012.

HEAT RESISTANCE:

All alkyd containing painted surfaces show some discolouration upon heating. The level of discolouration is dependent on the temperature and the length of time exposed.

OIL RESISTANCE:

Good resistance to most hot and cold lubricating oils, mineral oils and cutting oils. Tests for suitability with any particular oil should be made before large scale applications.

CHEMICAL RESISTANCE:

Good resistance to most common dilute acids and alkalis. Tests should be made for resistance to particular reagents before large scale applications.

COLOUR RANGE:

Shades to meet customers special requirements can be supplied by arrangement.

LEAD CONTENT:

Some pigments within this range may contain lead based pigments. Please refer to the labels of the individual paints to identify lead containing products.

Stock Container Sizes

5 and 20 litres.

Processes

PREPARATION:

The surface to be painted must be clean, dry and free from grease, dust, dirt, rust and peeling of loose material or any other contamination. Do not apply or dry when air or surface temperature is below 10°C or in high humidity or where condensation is likely to occur.

FINISHING:

Mix thoroughly apply a full even coat.

WARNING:

Over previously painted surfaces first test a small area to ensure that there is no lifting.



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Application	<p>BRUSH/ROLLER: Supplied ready for use.</p> <p>AIRLESS SPRAY: Supplied ready for use.</p>
Storage	<p>Use within 12 months of delivery. Keep in original containers until required for use. Partly used containers should be re-sealed securely and stored according to the recommended manner. (See section 7 of ACE Material Safety Data Sheet Ref.).</p>
Health and Safety	<p>THIS MATERIAL IS FLAMMABLE. REFER TO ACE MATERIAL SAFETY DATA SHEET REF. FOR FULL DETAILS OF FIRST AID, FIRE FIGHTING, ACCIDENTAL RELEASE, HANDLING, EXPOSURE CONTROLS / PERSONAL PROTECTION AND DISPOSAL.</p>
Precautions in Handling and Use	<p>Avoid the inhalation of vapours and particulates by the provisions of good natural ventilation sufficient to keep air-borne concentrations below the Occupational Exposure Standards (OES) during the application and drying of paint films.</p> <p>Note: Occupational Exposure Standards are controlled by the Health and Safety Executive (HSE), reviewed annually and published as EH40.</p> <p>In operations where natural ventilation is insufficient to achieve this - e.g. painting work in enclosed areas - exposure should be controlled by the use of local exhaust ventilation. When this is not reasonably practicable, suitable respiratory protective equipment must be worn. For spray application or when OES's are likely to be exceeded, use the respiratory equipment as recommended in BS4275:1974. This specification gives advice on selection, use and maintenance of various types of breathing apparatus. Protect other persons in the area.</p>