

Desothane[®] HS CA8300 Gloss Low-VOC Polyurethane Finish

Description

CA8300 is a high solids Chemical Agent Resistant Coating, based on high durability polyurethane technology.

Desothane[®] HS CA8300 Low-VOC Polyurethane Finish is qualified to Def Stan 80-209/1 and meets the requirements of BS2X 34 A & B. For further specification information and approvals, please contact PRC-DeSoto International.

Application properties (typical)

Product code numbers

Base	CA8300...
Activator	CA8300B
Reducer	CA8300C1

The dots shown above ("...") indicate position of colour descriptor in product code.

Mix ratio by volume (Base: Activator: Reducer)
2 volumes:1 volume:1 volume

Volatile Organic Content (prepared for use)
<420g/litre.

Flash point (mixed)
22 - 32°C

Mixing Instructions

Thoroughly stir or shake the base component to obtain a smooth uniform material. Add the activator and stir immediately until uniform. Add the reducer and again stir until uniform. No induction period is required before using the mixed material. DO NOT ADD EXTRA THINNERS.

Application Guidelines

By spray using airmix, conventional, HVLP, airless and electrostatic equipment. Apply 1-2 double-track or cross-coats, sufficient to achieve the required dry film thickness.

Performance Properties (typical)

Application and drying conditions
Temperature 15-35°C
Relative Humidity 30-85%

Colours

This product is available in a full range of colours. Please contact PRC-DeSoto International to discuss to specific requirements..

Gloss

Full gloss >85 g.u./60° head.

Dry film thickness

35-45micron

Pot life (23°C)

4 hours

Drying times (23°C/65% RH)

Hard Dry 6 hours
Maskable 6-8 hours

Forced drying

(To give cure equivalent to 23°C maskable)
4 hours/40°C, 1 hour/70°C

Theoretical coverage

13m²/litre /dft 40micron

Recommended Cleaning

Before and after use, flush equipment with Desoclean[®] CN20 (Def Stan 80-67).

NOTE: The application and performance property values above are typical for the material, but are not intended for use in specifications or for acceptance inspection criteria due to variations in testing methods, conditions and configurations.

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Storage life

The storage life of all versions of CA8300 is 24 months in when stored between 5 and 35°C in the original unopened containers.

CA8300B, once opened, should be used immediately.

Health precautions

This product is safe to use and apply when recommended precautions are observed. Before using this product read and understand the Material Safety Data Sheet which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme exposure.

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