Technical Data Sheet

Ace Series

Description

Diamond Ace Hi Sparkle Metallic is a top quality paint which gives a sparkling and lustrous finish as well as extreme protection against water, rust and dust.

Recommended use

Formulated for use on preprimed steel surface as finishing coat where glossy decorative high sparkling metallic finish is required.

Physical properties

Colour	Standard Colour Range
Finish	Gloss
Solids (vol %)*	46 ± 2
Flash point	23 °C
Specific Gravity	0.90 – 1.05

Film Thickness and Spreading Rate

Film Thickness	30 microns dft.
Spreading rate	13-15 (m^2/ Ltr/ Coat)

Surface Preparation

Pre-primed or on smooth surfaces. Ensure that surface is clean, dry and free from rust, grease, oil and other contamination.

Application

Application Methods	Spray (airless or conventional)
Mixing ratio (volume)	Single pack
Cleaning	Mineral Turpentine
Thinning	10-20 % Mineral Turpentine

Drying Time

Temperature	Dry to Touch	Dry to Handle	Recoating Time
25 ˚C	6 hours	12 hours	12 hours
35 ˚C	3 hours	8 hours	12 hours

Typical paint system

On Steel

Diamond Synthetic Undercoat / Red Oxide Primer	1 Coat
Diamond Ace hi-Sparkle Metalic	2 Coats

Ace Hi Sparkle Metallic

Storage

The product must be stored in accordance to the national regulations. The product should be kept in a well-ventilated place, protected from heat and direct sunlight. The containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing Size

0.91 Ltr and 3.64 Ltrs.

Health and Safety

Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist and vapours and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.