



BERGER **Protecton** PROTECTIVE COATINGS

Ferrotol HR Aluminium Paint

USES

Recommended for use outside storage tanks, pipes, stacks, ducting radiators, boiler fronts, chimneys as well as structural steel, etc.

SCOPE

A two pack high lustre aluminium paint possessing excellent durability and weather resistant properties. The product is designed to withstand a constant working temperature of 250°C and can also be used as a heat reflectant coating.

PRODUCT DATA

Type : Dual Pack – paste and medium supplied separately

Composition : Oleoresinous medium with leafing aluminium

Application : Brush or Conventional Spray

Recommended DFT : 15–20 microns per coat

Theoretical Spreading Rate : 19.0–25.3 Sq. Mtr./Ltr.

Drying Time :

TOUCH : 4 hours
HANDLE : 6–8 hours
HARD : Overnight

Overcoating Interval :

MIN : Overnight

Flash Point : Above 30° C

Colour : Aluminium

Packing : 20 Ltrs. & 4 Ltrs.

Thinner/Cleaner : Thinner 800

Finish : Bright Metallic

Storage Life : Upto twelve months as long as the sealed containers are kept under cover in a dry place under normal temperature conditions.

RESISTANCE GUIDE

Chemical Resistance :

EXPOSURES	SPLASH AND SPILLAGE	MILD FUMES / OUTDOOR RESISTANCE
Acids	N/R	Poor
Alkalis	N/R	Poor
Solvents	N/R	Poor
Salt	Good	Good
Water	Good	Very Good

Temperature Resistance :

Continuous : 250° C Max.

Weatherability : Excellent

Flexibility : Excellent

Abrasion Resistance : Moderate

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Issue Date : Mar. 04

SURFACE PREPARATION

Make full use of mechanical tools along with manual chipping and wire brushing to remove loose rust and scale to St. 2 Swedish Standard SIS 05 5900. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces. The surface should be clean and dry before application of Ferrotol HR Aluminium Paint.

APPLICATION

Mix the paste into medium and stir the contents thoroughly before and occasionally during use.

Brush : Apply, without thinning, to the recommended thickness.

Conventional Spray : Add upto 10% Thinner 800. Use any suitable standard equipment at an atomising pressure of 2.8–3.5 Kg/cm².

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel (up to 100° C)	BP ROZC Primer or Luxol Z/C Primer	BP ROZC Primer or Luxol Z/C Primer	Ferrotol HR Aluminium	Ferrotol HR Aluminium
-do- (above 100° C)	Ferrotol HR Aluminium	Ferrotol HR Aluminium	-do-	
-do- (above 100° C)	Zinc Anode 304 MZ	-do-	-do-	

Notes :

1. Application must be carried out on cold surface only. After the final coat has dried completely, the painted surface may be gradually heated.
2. The mixed paint must be used off within 48 hours for obtaining bright lustrous finish.
3. Do not apply when temperature falls below 10° C or rises above 50° C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.

Health & Safety : Please refer to the separate Safety Data Sheet available with detailed information.

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user of the data contained herein. It is the users' responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

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