



# BERGER Protecton PROTECTIVE COATINGS

## Berger Aluminium IS:2339

### USES

Recommended for use on tank exteriors, structures, pipelines, cladding, etc., where high reflectance is required.

### SCOPE

A high lustre durable aluminium coating meeting IS:2339 specification for performance. An excellent top coat for application on primed steel structures to withstand atmospheric corrosion.

### PRODUCT DATA

**Type :** Dual Pack – paste and medium supplied separately

**Composition :** Oleoresinous medium with leafing aluminium

**Application :** Brush or Conventional Spray

**Recommended DFT :** 12–15 microns per coat

**Spreading Rate :** 12.0–15.0 Sq. Mtr./Ltr.

#### Drying Time :

TOUCH : 4–6 hours  
HANDLE : 12 hours  
HARD : 24 hours

#### Overcoating Interval :

MIN : 24 hours

**Flash Point :** Above 30° C

**Colour :** Aluminium

**Packing :** 20 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 & SPILLAGE	MILD FUMES / OUTDOOR RESISTANCE
Acids	N/R	Poor
Alkalis	N/R	Poor
Solvents	N/R	Poor
Salt	Good	Good
Water	Good	Good

#### Temperature Resistance :

Continuous : 200° C

**Weatherability :** Excellent

**Flexibility :** Excellent

**Abrasion Resistance :** Moderate

**SURFACE PREPARATION**

**Steel** : Make full use of mechanical tools alongwith 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. Apply the appropriate Primer on a clean and dry surface.

**APPLICATION**

Mix the paste into the 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, if required. Use any suitable standard equipment at an atomising pressure of 2.8–3.5 Kg/cm<sup>2</sup>.

**TYPICAL PAINTING SPECIFICATIONS**

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel (Upto 100° C)	BP ROZC Primer or Bison HB Zinc Phosphate or Luxol Z/C Primer	BP ROZC Primer or Bison HB Zinc Phosphate or Luxol Z/C Primer	Berger Aluminium IS:2339	Berger Aluminium IS:2339
(above 100° C)	Berger Aluminium IS:2339	Berger Aluminium IS:2339		

**Notes :**

1. Application must be carried out on cold surface only. After the final coat has dried completely, the painted surface may gradually be 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