

BRITEX® HR AL 300

Heat Resistant Aluminized Protective Coating

Description

BRITEX® HR AL 300 is a single component, high performance, heat resistant, aluminized protective coating for steel and concrete surfaces.

BRITEX® HR AL 300 can withstand temperature up to 300 °C with excellent resistant to water and fair resistance to acid / alkali / saline atmosphere.

BRITEX® HR AL 300 is free from Lead / Chromate and gives bright metallic finish to substrate.

Characteristics – Physical

Colour	Aluminium	Flash Point, °C	> 23
Finish	Bright Metallic	Volume Solid, %	30
Drying time		DFT, micron	20
• Touch dry, minutes	20 -30	Theoretical Coverage* m2 / L	9 - 11
• Hard Dry, hrs	18 – 24	Specific gravity @ 30 °C, g / cm ³	0.98 – 1.00
• Over coating, hrs, minimum	18		

* Depending upon surface condition.

Application

- Steel structures exposed to dry heat.
- Chimneys / Stacks.
- Boiler fronts / kiln outer body.
- Pipeline exposed to dry heat.
- Concrete tanks.

Advantages

- Self-priming.
- Easy to apply by brush or spray.
- Excellent resistant to dry heat up to 300 °C.
- Excellent resistant to water.
- Resistant to acid, alkali and saline exposure.

Application Methodology

➤ Surface Preparation

- Remove all loose gravel, dirt, oil, grease and foreign material by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.

➤ Material Preparation

- Stir **BRITEX® HR AL 300** by a slow speed mixture (approx. 400 rpm) fitted with a suitable mixing paddle to ensure a homogenous mix.
- After stirring, wait for the product to settle in order to let entrapped air escape.
- Skin formation may happen on the top of material during humid condition. In that event, cut skin from the periphery of the container and remove it and then stir it as mentioned above.

➤ Application of Material

- Apply first coat of **BRITEX® HR AL 300** with a brush / spray gun on surface.
- Apply second coat of **BRITEX® HR AL 300** after 24 hours of the first coat.

Health & Safety

- The product should not come in contact with the skin and eyes, or be swallowed.
- Ensure adequate ventilation and avoid inhalation of vapors as some people are sensitive to resins, hardeners and solvents.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately - **do not** induce vomiting.

Packing

Available in 1 L and 4 L.

Storage

Store in a cool dry place, under shed, away from heat.

Shelf Life

36 months in original unopened sealed conditions.



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