

PRODUCT DATA

BRIGHT GALVANIZING 1017

Andrews Coatings Ltd
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DESCRIPTION

RUST-OLEUM® Bright Galvanizing 1017 is a fast drying, zinc rich coating based on an epoxy ester resin. The product contains pure zinc and aluminium as pigments and provides cathodic protection.

RECOMMENDED USES

RUST-OLEUM Bright Galvanizing 1017 should be used on new, bare steel, blasted steel or galvanized steel surfaces.

RUST-OLEUM Bright Galvanizing 1017 is primarily intended for brush application on small areas or for touch-up.

RUST-OLEUM Bright Galvanizing 1017 can be recoated with non-saponifiable coatings.

RUST-OLEUM Bright Galvanizing 1017 should be used as a single coat in light industrial exposures, corrosive environments and high humidity areas.

TECHNICAL DATA

Appearance: Flat
Colour: Aluminium
Density: 1,77 kg/ltr
% zinc/alu: 76% in dry film (67,5% Zn / 8,5% Al)
Solids Contents: 41,8% by volume
Viscosity: 88 - 92 KU /Krebs Stormer Units at 20°C
Recommended film thickness: 35 µm dry, equals 85 µm wet

VOC-content: 477 g/l max.
Ready-to-use mixture: 497 g/l max.
Category: A/i
EU Limit value: 600 g/l (2007) / 500 g/l (2010)

Drying times	20°C/50% r.v.	10°C/60% r.v.	30°C/50% r.v.
To touch:	30 minutes	1 hours	20 minutes
To handle:	3 hours	4 hours	2 hours
To recoat:	Not applicable	Not applicable	Not applicable
Full hardness	7 days	10 days	5 days

Heat resistance: 300°C (dry heat)

Coverage

Theoretical: 11,5 m²/l at 35 µm dry
Practical: Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. For optimum results remove rust, rust scale, mill scale and deteriorated coatings by abrasive blasting to Sa 2½ (ISO 8501-1 : 1988), blast profile max. 50 µm. The surface must be clean and dry during application.

DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.
To avoid settlement of the zinc pigments on the bottom of the can stir regularly during application.

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APPLICATION & THINNING

Brush: Up to 5 vol. %; RUST-OLEUM Thinner 160.
Use natural bristles, longhair brushes.

Cleanup: Use RUST-OLEUM Thinner 160 or aromatic hydrocarbons.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 5 and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point.

REMARKS

Maximum dry film thickness per coat: 75 µm dry, equals 180 µm wet.
RUST-OLEUM Bright Galvanizing 1017 should preferably be applied in a maximum dry film thickness of 35 µm if recoated.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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