

RUST-OLEUM®
— INDUSTRIAL —



HARD HAT® GALVA ZINC-ALU

Zinc-coating with sparkling aluminum particles

- Zinc coating with sparkling aluminium particles
- Resists 340 hours of salt spray testing (DIN 50021 SS)
- The best compromise between a zinc spray and an aluminium spray



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HARD HAT® GALVA ZINC-ALU

DESCRIPTION

Hard Hat® Aerosols Zinc Aluminium Spray Bright Galvanizing 2117/brush 1017 is a fast drying zinc rich primer/topcoat based on a short-oil soya-alkyd resin (2117) and linseed alkyd-phenolic resin (1017). The product contains pure zinc and aluminium as pigment and provides cathodic protection.

RECOMMENDED USE

RUST-OLEUM Zinc Aluminium 2117/1017 should be used on damaged galvanized steel surfaces. RUST-OLEUM Zinc Aluminium 2117/1017 is intended to be applied on small areas or for touch-up. RUST-OLEUM Zinc Aluminium 2117/1017 should be used as a single coat in light industrial exposures, corrosive environments and high humidity areas.

TECHNICAL DATA

Gloss Level:	Matt, Metallic
Solids content in volume:	41.8%
Heat Resistance:	2117: 450°C / 1017: 300°C (dry heat)

DRY TIMES BY 20° C/RH 50%

Touch dry:	20 minutes (2117) / 30 minutes (1017)
Dry to handle:	60 minutes (2117) / 3h (1017)
Dry to recoat:	Within 2 hours or after 48 hours (2117) / non applicable (1017)
Fully cured:	7 days

RECOMMENDED WET FILM THICKNESS

115 µm (2117) / 85 µm (1017)

RECOMMENDED DRY FILM THICKNESS

35 µm

THEORETICAL CONSUMPTION

1,2 m² per spray can at 35 µm dry / 6,5 m²/kg (1017)

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove dirt, grease, oil, loose rust and all other surface contaminants by appropriate means. The surface must be clean and dry during application

DIRECTIONS FOR USE

1017: to ensure homogeneity, coatings material should be thoroughly stirred prior to use. To avoid settlement of the zinc pigments on the bottom of the can, stir regularly during application.

APPLICATION CONDITIONS

For good results the relative humidity shall be below 85% and the temperature of the can and substrate above 0°C (2117) and 5°C (1017).

APPLICATION & THINNING: BRUSH

Up to 5% with RUST-OLEUM Thinner 160. Use natural bristles, long hair brushes.

APPLICATION & THINNING: AEROSOL

Remove cover cap. Shake vigorously for at least one minute after the rattle of mixing ball is heard. Shake frequently during use. Hold can approx. 25 cm from surface. Use back and forth motion keeping can parallel with surface. Ensure that can is in motion when spray button is pressed to avoid runs and sags. Apply a full, wet coat to achieve a close, dense coating film, avoid dry spray. After use turn can upside down and press spray button for 2 - 3 seconds to clean valve.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160 or aromatic hydrocarbons.

REMARKS

Both products are lead- and chromate free thus eliminating the danger of poisonous gases escaping if the coated surface needs to be welded at a later date. Maximum dry film thickness per coat: 75 µm dry, equals 160 µm wet. 1017 should preferably be applied in a maximum dry film thickness of 35 µm if recoated.

SAFETY DATA

VOC level:	647 g/l (2117) and 477 g/l (1017)
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 3 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.

Date issued: 15/12/2025

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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