

RUST-OLEUM®
INDUSTRIAL



HARD HAT® TOPCOAT HEAT RESISTANT

Heat resistant coating up to 750°C



- For continuous temperatures up to 650°C
- For peak temperatures up to 750°C
- For on bare metal or slightly rusted surfaces
- Ideal for engines, heat cannons, pipes, vents, etc.
- To handle after 3 hours (at 20°C)

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

HARD HAT® TOPCOAT HEAT RESISTANT

DESCRIPTION

Hard Hat® 1015 and 1078 are Heat Resistant Coatings based on a silicone modified alkyd resin.

RECOMMENDED USE

HARD HAT® Heat Resistant Coating can be applied on new, bright or shot-blasted steel or well pre-treated coated surfaces such as barbecues, boiler fittings, hot air cannons, exhausts, etc.

HARD HAT® Heat Resistant Coating is intended for small maintenance jobs and repairs.

HARD HAT® Heat Resistant Coating provides protection up to a dry heat of 750°C (short term peak load) for applications indoors or in a sheltered outdoor environment.

TECHNICAL DATA

Gloss Level:	Matt
Corrosion Class:	N / A
Heat Resistance:	Standard 600°C (dry heat) / Short term peak 750°C (dry heat)

DRY TIMES BY 20° C/RH 50%

Touch dry:	2 hours
Dry to handle:	8 hours
Dry to recoat:	24 hours
Fully cured:	Allow the product to dry for 3 hours at room temperature and then heat to 150°C in stages of max. 50°C/hour. Allow to cool for 24 hours. The product is now fully cured.

RECOMMENDED WET FILM THICKNESS

85 µm

RECOMMENDED DRY FILM THICKNESS

35-40 µm

THEORETICAL CONSUMPTION

10-12 m² per litre at 35 - 40 µm dry

PRACTICAL CONSUMPTION

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

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Only apply if the air and surface temperatures are between 5 and 35°C and the relative humidity is less than 85%.

The temperature of the coated surface must be at least 3°C above the dew point.

APPLICATION & THINNING: BRUSH

No thinning

APPLICATION & THINNING: ROLLER

No thinning. Use shorthaired polyamide (perlon 8 - 12 mm) rollers

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Dilute up to 10 to 15% volume RUST-OLEUM Thinner 7301

CLEANING OF EQUIPMENT / SPILLS

With RUST-OLEUM thinners 7301.

REMARKS

RUST-OLEUM Heat resistant coating 1015 and 1078 are self-priming and should not be applied on primers or coatings, which are not heat resistant.

SAFETY DATA

VOC level:	1015: 458 g/l max / 1078: 416 g/l max
VOC ready mix:	1015: 458 g/l max / 1078: 416 g/l max
VOC category:	A/i
VOC limit:	500 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety information printed on the can.

SHELF LIFE

Minimum of 2 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: 20/03/2025

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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