



## 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)

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# 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 short-haired 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.

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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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