

# New Guard Coatings Group

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## PRODUCT DATA    HARD HAT® Heat Resistant Coating- Brush Version

### DESCRIPTION

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

### RECOMMENDED USES

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

Appearance: Flat  
Colour: 1015: Aluminium / 1078: Black  
Density: 1015: 1,10 (kg/l) / 1078: 1,36 (kg/l)  
Solids: Aluminium: 47% volume / Black: 40% volume  
Recom. film thickness: 35-40 µm dry, equals 85 µm wet

VOC-content: 1015: 458 g/l max / 1078: 416 g/l max  
Ready-for-use mixture: 1015: 458 g/l max / 1078: 416 g/l max  
Category: A/i  
EU Limit values: 600 g/l (2007) / 500 g/l (2010)

**Drying times** 20°C/50% r.v.  
To touch: 2 hrs  
To handle: 8 hrs  
To recoat: 24 hrs  
Full hardness: 24 hours after the minimum service temp of 150°C is reached.  
Gradually heat the coating to 150°C (max. 50°C/hour)

Heat resistant: Standard 600°C (dry heat) / Short term peak 750°C (dry heat)

### Coverage

Theoretical: 10-12 m<sup>2</sup> per litre at 35 - 40 µm dry.

Practical: Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application. (see DIN 53220).

### SURFACE PREPARATION

Remove grease, oil, dirt, loose rust, loose coatings and any other contamination using suitable agents. Sand intact old paintwork in order to roughen the surface slightly. The surface must be clean and dry during application.

### DIRECTION FOR USE

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

### MIXING AND THINNING

Brush: No thinning

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

Clean up With RUST-OLEUM thinners 7301.

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**PRODUCT DATA**    **HARD HAT® Heat Resistant Coating- Brush Version**

**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.

**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**

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

**SHELF LIFE / 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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