

## PRODUCT DATA

## 769 RED / 780 GRAY

### DESCRIPTION

RUST-OLEUM Damp-Proof Primer 769 Red / 780 Grijs are based on a special fish oil containing alkyd resin. The product contains rust-inhibitive pigments and is lead- and chromate free.

### RECOMMENDED USES

RUST-OLEUM 769/ 769-0. is specially developed to be applied on hand tool prepared sound rusted steel surfaces. RUST-OLEUM 769 / 780 is primarily intended for brush application and can also be applied by roller and spray.

RUST-OLEUM 769 / 780 can be applied on slightly damp surfaces and is providing protection under light industrial exposure conditions, if followed by a second RUST-OLEUM Alkyd Primer 1060/1080/1060 and/or RUST-OLEUM Alkythane® 7500.

### TECHNICAL DATA

Appearance: Flat  
Colour: 769 red / 780 Gray / 769-0. tintable  
Density: 1.33 kg/l.  
Solids Contents: 50.3% by volume  
Viscosity: 76 - 78 KU /Krebs Stormer Units at 20°C  
Recommended film thickness: 35 µm dry, equals 70 µm wet

VOC-content: 375 g/l max.  
Ready-for-use mixture: 456 g/l max.  
Category: A/i  
EU Limit values: 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:	4 hours	16 hours	3 hours
To handle:	8 hours	24 hours	6 hours
To recoat:	After 24 hours	After 36 hours	After 24 hours
Full hardness	8 days	14 days	6 days

Heat resistance: 120°C (dry heat)

### Coverage

Theoretical: 14.5 m<sup>2</sup>/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.

Remove rust scale, loose mill scale, loose rust and loose coatings by scraping and wire brushing to St 2 (ISO 8501-1: 1988), light blast cleaning or sanding.

Sand previous coatings, which are in good condition to roughen the surface slightly. The surface must be clean and preferably dry during application.

### DIRECTION FOR USE

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

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### APPLICATION & THINNING

- Brush:** Up to 10 vol. %; RUST-OLEUM Thinner 633.  
Use natural bristles, long hair brushes.
- Roller:** Up to 10 vol. %; RUST-OLEUM Thinner 633.  
Use medium nap, polyamide (perlon 8 -12 mm) rollers.  
Roller application may require 2 coats to achieve recommended dry film thickness.
- Air-atomised spray:** 10-20 vol.%; RUST-OLEUM Thinner 641.  
Gravity cup and pressure cup.  
Tip size: 1.2 -1.8 mm.  
Atomising pressure: 2 - 4 bar.
- Airless spray:** If required, up to 5 vol. % RUST-OLEUM Thinner 641.  
Pneumatic and electric airless equipment.  
Tip size: 0.013-0.015 inch Fluid pressure: 130 - 200 bar.
- Cleanup:** Use RUST-OLEUM Thinner 160 or mineral spirits.

### 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: 60 µm dry, equals 120 µm wet.

### 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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