

PRODUCT DATA

569 RED/ 580 GREY / 569-0. BASE

Andrews Coatings Ltd
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DESCRIPTION

RUST-OLEUM® Speedy Recoatable Metal Primer 569 Red/580 Grey / 569-0. Tintable Bases are fast drying primers based on a aromatic free modified short oil alkyd resin. The products contain rust inhibitive pigments and are lead- and chromate free.

RECOMMENDED USES

RUST-OLEUM 569/580/569-0. should be used on new, blasted or slightly rusted steel surfaces.

RUST-OLEUM 569/580/569-0. are primarily intended for brush application and can also be applied by roller and spray.

Depending on the exposure conditions RUST-OLEUM 569/580/569-0. can be recoated with a variety of RUST-OLEUM Systems assuring the appropriate protection; e.g. at heavy industrial exposures a two-coat system of RUST-OLEUM 569/580/569-0 and RUST-OLEUM High-Performance Epoxy System 9100; at light industrial exposures RUST-OLEUM Primer 1060/1080/1060-0. and/or a second RUST-OLEUM Alkyd Primer followed by an Alkythane® 7500.

TECHNICAL DATA

Appearance: Flat
Colour: 569 Red / 580 Grey / 569-0. tintable
Density: 1.17 - 1.26 kg/ltr.
Solids Contents: 44.8% by volume
Viscosity: 85 - 95 KU /Krebs Stormer Units at 20°C
Recommended film thickness: 35 µm dry, equals 80 µm wet

VOC-content: 424 g/l max.
Ready-to-use mixture: 497 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:	1 hour	2 hours	½ hour
To handle:	2 hours	4 hours	1 hour
To recoat:	After 2 hours	After 4 hours	After 1 hour
Full hardness	8 days	14 days	5 days

Heat resistance: 120°C (dry heat)

Coverage

Theoretical: 12.8 m²/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.

For optimum results remove rust, rust scale, mill scale and deteriorated coatings by abrasive blasting to Sa 2½ (ISO 8501-1 : 1988), blast profile max. 50 µm.

If blasting is not possible remove loose rust and loose coatings by scraping and/or wire brushing to St 3 (ISO 8501-1 : 1988).

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

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DIRECTION FOR USE

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

APPLICATION & THINNING

Brush: Up to 10 vol. %; RUST-OLEUM Thinner 633.
Use natural bristles, long hair brushes.
Brush application may require 2 coats to achieve recommended dry film thickness.

Roller: Up to 10 vol. %; RUST-OLEUM Thinner 633.
Use medium nap, 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.
Atomizing 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 633 or white spirit.

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 135 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.