



Protective & Marine Coatings

RG-7000 (RESUGRIP™ NAVY 7000 SERIES METAL PRIMER)

| | | |
|--------|----------|------------|
| | KN14A100 | GRAY |
| | KN14A101 | LIGHT GRAY |
| | KN14H101 | BUFF |
| PART A | N14-100 | SERIES |
| PART B | N14V100 | HARDENER |

Revised: February 22, 2024

PRODUCT INFORMATION

9.79

PRODUCT DESCRIPTION

RG-7000 is a two-component, anti-corrosive epoxy primer for use under nonskid and deck coatings. It has been engineered to provide excellent adhesion to the substrate and excellent corrosion protection.

RG-7000 Series Metal Primer is suitable for marine and industrial environments.

RG-7000 has excellent chemical resistance to oil, gasoline, acids, caustics, hydraulic fluids and most solvents.

QPL Approved: MIL-PRF-24667C Type I, II, IV & V Comp. G; Type I & V Comp. L

Pending approval to MIL-PRF-24667D, Type I and V, Composition G and L, Classes 1, 2, 3, Grade B, Application 1.

PRODUCT CHARACTERISTICS

| | |
|-----------------------|------------------------------------|
| Color: | Buff, Gray and Light Gray |
| Volume Solids: | 72% ± 2%, mixed, may vary by color |
| VOC: | 229 g/L; 1.9 lb/gal, mixed |
| Mix Ratio: | Mix as supplied. |

Recommended Spreading Rate per coat:

| | Minimum | Maximum |
|--|--------------------|-------------------|
| Wet mils (microns) | 6.0 (150) | 10.0 (250) |
| Dry mils (microns) | 4.0 (100) | 7.0 (175) |
| ~Coverage sq ft/gal (m²/L) | 165 (4.0) | 289 (7.1) |
| Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft | 1155 (28.3) | |

Drying Schedule:

| | @ 50°F/10°C | @ 70°F/21°C | @ 120°F/49°C |
|----------------------------|-------------|-------------|--------------|
| To Touch: | 18 hours | 6 hours | 2.5 hours |
| To Topcoat: | 36 hours | 12 hours | 2.5 hours |
| Light Foot Traffic: | 36 hours | 12 hours | 6 hours |
| Pot Life: | 8 hours | 4 hours | 1 hour |

Note: Pot life will increase at lower temperatures and decrease at higher temperatures.

Drying time is temperature, humidity, and film thickness dependent.

| | |
|---------------------|--|
| Shelf Life: | 12 months for military applications. 24 months for commercial applications. |
| Flash Point: | >100°F (38°C) |
| Reducer: | Not recommended |
| Clean Up: | MAK |

REFERENCE DOCUMENTS

For specific application information, the below documents should be utilized:

- NAVSEA Standard Item 009-32
- ASTM F-718

SURFACE PREPARATIONS

RG-7000 should be applied to clean, dry surfaces. Prior to surface preparation, the surface shall be free of contaminants in accordance with SSPC-SP1. Metal surfaces should be prepared to NEAR WHITE METAL BLAST, NACE 2/SSPC-SP 10, or WATERJETTING TO NACE/SSPC-SP WJ-2/L, or SSPC-SP 10/L(WAB)/NACE WAB-2/L with a 3.0-6.0 mil (75-150 micron) profile.

MIXING

Pre-mix the base component (Part A) for 3 minutes insuring all material is lifted off the bottom of the pail and uniformly mixed. Mixing should be completed using a mechanically approved (Electrical or Pneumatic) high torque mixer suitable for mixing heavy materials. A jiffy blade or vortex paddle should be used for mixing. Pour the entire contents of the pre-measured hardener (Part B) into the base component (Part A). Mix Part A and Part B together for a minimum of 5 minutes until contents are uniform in color. During the mixing process, scrape the sides of the pail to ensure the Parts A and B are thoroughly combined. NOTE: Improperly mixed material will not cure and/or perform properly. Nonskid material remaining in the can after nonskid is poured onto primed deck surface must not be removed from the can.

APPLICATION

Apply by spray or roller. Protect exterior applications from rain for at least 24 hours. Apply at surface temperatures between 50°F (10°C) and 120°F (49°C). Application below 50°F (10°C) is not recommended as material may become difficult to apply and may not cure properly. Apply at humidity levels of 85% or less. Clean up spray equipment with MAK.

ORDERING INFORMATION

| | | |
|------------|-------------------------|-----------------------|
| Packaging: | 0.98 gallon (3.7L) mix: | 5 gallon (18.9L) mix: |
| Part A: | 0.79 gallons (3.0L) | 4 gallons (15.1L) |
| Part B: | 0.19 gallons (0.7L) | 1 gallon (3.8L) |

Weight: 13 ± 0.2 lb/gal ; 1.57 Kg/L mixed, may vary by color

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

WARRANTY

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