STEEL MASTER ™ 9500
30% SILICONE ALKYD
B56W00311 EXTRA WHITE
B56T00304 CLEAR TINT BASE
B56B00300 BLACK
B56Y00300 SAFETY YELLOW

SPECIFICATIONS

Color: Extra White, Clear Tint Base, Black & Safety Yellow
Recommended Spread Rate per coat: Extra White B56W00311 (varies by base)
wet mils: 3.5 - 5.0
dry mils: 2.2 - 3.2
coverage: 466 - 320 sq ft/gal approximate
Theoretical coverage: 1026 sq ft/gal @ 1 mil dry
Drying Schedule @ 4.0 mils wet, 50% RH:
To touch: 5 hours   4 hours   1 hour
To handle: 2.5 days   8 hours   8 hours
To recoat: 2.5 days 18 hours           8 hours
To cure: 30 days 14 days   3 days
Drying and recoat times are temperature, humidity, and film thickness dependent.

CHARACTERISTICS

STEEL MASTER 9500 is an exterior/interior, 30% silicone alkyd, protective topcoat. Dries to a tough, flexible finish with very good gloss and color retention and long term exterior durability for a single component alkyd product.

Features:
• Excellent color and gloss retention compared to conventional alkyls
• High gloss providing a "wet look"
• Can be applied as low as 45°F (7°C)
• Easy application properties
• Interior / Exterior application
• Suitable for use in USDA inspected facilities

For use on properly prepared:
• Steel
• Galvanized
• Aluminum
• Concrete & Masonry

Recommended for use in:
• Exterior equipment
• Machinery
• Signs
• Logo and identification enamel

Tinting with Maxitoner:
Base: Strength
Extra White & Clear Tint Base only 100%

Check color before using. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Shelf Life: 36 months, unopened
Finish: 80°F+@60°F Gloss

Extra White B56W00311
(may vary by base)
VOC(less exempt solvents) 307 g/L - 2.56 lb/gal
(as per 40 CFR 59.406 and SOR/2009-264, s. 12)
Volume Solids: 64 ± 2%
Weight Solids: 76 ± 2%
Weight per Gallon: 10.82 lb/gal ± 0.2 lb
Flash Point: 112°F TCC

Salt Fog Resistance:
Method: ASTM D117, 1000 hours
Result: Rating 10 per ASTM D610 for rusting (field); Rating 10 per ASTM D714 for blistering

Sag Test:
Method: ASTM D4400
Result: 9 mils minimum
Viscosity:
6 Hegman minimum

Adhesion:
Method: ASTM D4541
Result: 991 psi

Drying:
Method: ASTM D2485
Result: 200°F (discolors)

Fineness of grind:
Method: Hegman
Result: 6 Hegman minimum

1 Standard test based on Certificate of Analysis

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**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Iron & Steel - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

Aluminum (Untreated) - Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. Primer required.

Galvanized Steel (Untreated) - Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. Allow to weather a minimum of six months prior to coating. When weathering is not possible or the surface has been treated with chromate or silicates, first solvent clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned. Primer required.

Concrete Block - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Block Surfacr. The filler must be thoroughly dry before topcoating.

Masonry - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F(23.9°C). Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat alkali resistant primer, following label recommendations. Primer required.

Previously Painted Surfaces - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Other substrates may or may not be appropriate. If a specific substrate is not listed above, consult your Sherwin-Williams representative for more information.

**APPLICATION PROCEDURES**

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness, or porosity of the surface, skill, and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, over thinning, climatic conditions, and excessive film build.

**SAFETY PRECAUTIONS**

Refer to the SDS sheet before use. FOR PROFESSIONAL USE ONLY

**PERFORMANCE TIPS**

Mix paint thoroughly to a uniform consistency with slow speed power agitation prior to use. Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle. Do not use colorants formulated for interior use only when applying exterior. No reduction of material is recommended, as this can affect film build, appearance, and adhesion.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.