

PRODUCT DESCRIPTION

A premium quality alkyd gloss enamel for use on machinery, equipment, piping and tank exteriors.

INTENDED USES

Toughness and fast dry provide maintenance with minimum plant interruption.

Ideal for safety equipment and pipe identification. Provides excellent protection to metal surfaces as well as masonry, wood and wallboard. Also used as a trim enamel.

Performance alternate for Federal Specifications TT-E-489H, TT-P-61E, TT-E-506K, and TT-E-505A.

PRACTICAL INFORMATION FOR DEVGUARD 4308

Color	White, custom and ready-mix colors
Gloss Level	Gloss
Volume Solids	45%
Typical Thickness	2-2.5 mils (50-63 microns) dry equivalent to 4.4-5.6 mils (111-140 microns) wet
Theoretical Coverage	317 sq.ft/US gallon at 2.3 mils d.f.t and stated volume solids 7.90 m ² /liter at 57 microns d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless spray, Air spray, Brush, Roller

Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			Minimum	Maximum
77°F (25°C)	1 hour	6 hours	16 hours	Extended ¹

¹ See International Protective Coatings Definitions & Abbreviations

REGULATORY DATA

Flash Point	106°F (41°C)
Product Weight	9.3 lb/gal (1.12 kg/l)
VOC	3.57 lb/gal (428 g/lit) EPA Method 24
See Product Characteristics section.	

SURFACE PREPARATION

Surfaces must be dry, clean, free of oil, grease, form release agents, curing compounds, laitance, other foreign matter and be structurally sound. Remove all loose paint, mortar spatter, mill scale, and rust.

New Surfaces:

Steel - Apply over surface suitably prepared and primed with Devguard 4160 or Devguard 4360 primers.

Galvanized Metal and Aluminum:

Ensure that the surface is thoroughly clean and dry and free of any white zinc salts. Prime with Devguard 4160 or Devguard 4360 primers.

Wood:

Interior - Prime with Glidden Professional 1120.

Exterior - Spot prime knots with Glidden Professional House 2000 primer. Prime entire surface with Glidden Professional Stain Stomper 2110.

Drywall:

Prime with Glidden Professional Gripper 3210 primer sealer

Concrete, Plaster and Masonry:

Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or pre-cast concrete and remove sealers by chemical cleaning or abrasive blasting. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime interior concrete or plaster with this product or with Glidden Professional Gripper 3210 primer sealer. Prime exterior masonry with Glidden Professional 6001 primer. Fill concrete block with Bloxfil 4000 or Glidden Professional 3010 fillers.

Previously Painted Surfaces:

Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 ml) liquid household bleach and two oz. (59 ml) non ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under New Surfaces. Prime severely weathered exterior surfaces with Glidden Professional Stain Stomper 2110. Surfaces in good condition generally may be done with one coat.

APPLICATION

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.	
Airless Spray	Suitable	Use a 13 thou (0.33mm) tip size and adjust pressure as needed.
Brush	Recommended	
Roller	Recommended	
Thinner	Do not thin	
Cleaner	Mineral Spirits or VM&P Naphtha	
Work Stoppages	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with mineral spirits or VM&P Naphtha. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage.	
Clean Up	Clean all equipment immediately after use with mineral spirits or VM&P Naphtha. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.	
	All surplus materials and empty containers should be disposed of in	

accordance with appropriate regional regulations/legislation.

**PRODUCT
CHARACTERISTICS**

Advantages:

- Durable high gloss finish
- Interior or exterior usage
- Protects against atmospheric corrosion
- Excellent flow and leveling
- High hiding
- Washable and scrubbable
- Good abrasion resistance
- Easy application by brush, roll or spray
- Excellent resistance to grease, oil and water

For best opacity, tint primers toward finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

Important: Alkyd or oil-based enamels may yellow in time in the absence of light, especially sunlight.

Do not apply if temperature is less than 40°F (4°C), relative humidity exceeds 85% or temperature is within 5°F (3°C) of the dew point.

Surfaces coated with this product may become slippery when wet. For additional slip resistance in areas of pedestrian traffic, add one pound per gallon of coarse pumice or other texturing material.

When applying Devguard 4308 by brush or roller, it may be necessary to apply multiple coats to achieve the required film build and uniform opacity.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in color and normal manufacturing tolerances.

**SYSTEMS
COMPATIBILITY**

The following primers are recommended for Devguard 4308:

Devguard 4160
Devguard 4180
Devguard 4360
Rustguard 4140