



Priomat® 5.5 Wash Primer 4055 Gray



GENERAL

DESCRIPTION

A two-component adhesion promoter from our “PVB-system” that promotes adhesion and serves as a passivating pretreatment of metal substrates, especially aluminum and top grade steel. Priomat® 5.5 Wash Primer 4055 Gray must be used as part of a three product system.

The products referenced herein may not be available for sale in your market. Please consult your distributor for product availability.



MIXING

COMPONENTS

Priomat® 5.5 Wash Primer 4055 Gray

PRIOMAT HARDENER

Priomat® 5.5 Activator 4056

MIX RATIO

Component	Volume
4055	2
4056	1

APPLICATION VISCOSITY

No adjustment possible.

POT LIFE

Approximately 8 hours at 68°F/20°C when ready to spray.

SPECIAL TIPS

1. 0.5 mil dry film thickness is necessary for adequate corrosion resistance.
2. **Metal substrates must be primed within one half hour of sanding or re-sanding is required.**
3. All traces of rust must be removed before priming with Priomat® 5.5 Wash Primer 4055 Gray.
4. Do not recoat with polyester products.
5. Do not use on reversible finishes.
6. We recommend the following three stage system:
 - a. Prime with Priomat® 5.5 Wash Primer 4055 Gray
 - b. Apply 2K Permasolid® Surfacer
 - c. Apply Topcoat



APPLICATION

SUBSTRATES

Bare Steel
Galvanized Steel
Aluminum
Sanded E-Coat
Original or old paintwork (except reversible substrates, Example: lacquer)



SURFACE PREPARATION

- Degrease and sand.
- Before further treatment, clean all substrates thoroughly with Permaloid® Silicone Removers 7087 or 7010 Slow, Permahyd® Silicone Remover 7085, or Permahyd® Silicone Remover 7096.

SPRAYGUN SETUP

HVLP	1.3-1.4mm
Approved Transfer Efficiency	1.2-1.3mm

Please refer to gun manufacturer and local legislation for proper spray pressure recommendations.

APPLICATION

- Option 1: Apply 1 medium coat followed by 1 full coat without intermediate flash-off.
- Option 2: Apply 2 coats with approx. 5 minutes intermediate flash-off between coats.

RECOMMENDED FILM THICKNESS

0.5 mil dry film thickness



DRY TIMES

AIR DRYING

Drying time at 68°F/20°C:	25 minutes
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RECOAT

With Permasolid® Surfacer



PHYSICAL PROPERTIES

Coating Category: Primer
 Max. VOC (AP): 276 g/l; 2.3 lbs/gal
 Max. VOC (LE): 647 g/l; 5.4 lbs/gal
 Avg. Gallon Weight: 914 g/l; 7.62 lbs/gal
 Avg. Weight % Volatiles: 86.4 %
 Avg. Weight % Water: 1.2%
 Avg. Weight % Exempt Solvent: 55.4%
 Avg. Volume % Water: 1.1%
 Avg. Volume % Exempt Solvent: 57.2%

Theoretical Coverage: 121.9 sq. ft. @ 1 mil
 Theoretical Coverage @ Recommended Film Build: 243.8 sq. ft.

VOC REGULATED AREAS

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.



SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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