



# 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.
- Prior to applying a sanding surfacer, sand body filler with P180 or finer grit sandpaper and/or sand feather edge areas with P180, then P240, and finish with P320.
- Before further treatment, clean all substrates thoroughly with:
  - Permaloid® Silicone Removers 7087 or 7010 Slow, Permahyd® Silicone Removers 7085, 7086 or 7096.
  - Axalta™ Silicone Remover 200 Slow, Axalta Silicone Remover 205A Spray, Axalta Silicone Remover 210 Water or Axalta Silicone Remover 220 Low VOC.

**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 approximately 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

**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.



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## 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 SDS 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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