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.
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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