



Montana® Big Sky® Product Information Sheet

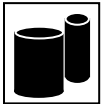
Technical Support (888) 276-7071

TDS_BS_PS3051-53-55

Performa-Seal™ Acrylic Urethane Sealer PS3051™ (White) PS3053™ (Gray) PS3055™ (Black)

READ ENTIRE PRODUCT INFORMATION SHEET PRIOR TO USE. IF ANY QUESTIONS ARISE, PLEASE CALL TECHNICAL SUPPORT.

COMPONENTS



PS3051™ White
PS3053™ Gray
PS3055™ Black
PA3050F™ Activator Fast
PA3050M™ Activator Medium
TH0800 Series Urethane Grade Reducer

SPECIALTY COMPONENTS

TH036™/37/38 Zero VOC Reducer

DESCRIPTION:

Performa-Seal™ is a non-sanding acrylic urethane sealer that applies smoothly and maintains superior color and gloss retention for high quality finishes. Performa-Seal™ allows for increased intercoat adhesion while providing a uniform ground coat over repairs. All 3 shades of sealer may be intermixed to provide the painter with a variety of undercoat shades.

SURFACE PREPARATION

- Wash the surface with mild detergent and warm water, making sure to rinse well and dry with a clean, dry cloth. Solvent clean with TH5950™ Strong Wax & Grease Remover, TH5951™ Mild Wax & Grease Remover or TH5953™ Zero VOC.
- Sand panel using P400 or finer grit sandpaper
- Re-clean repairs with surface cleaner to remove sanding residue before priming.
- Performa-Seal™ is **Not** designed as a primer for large areas of bare metal or plastics.

COMPATIBLE SUBSTRATES

- Thoroughly sanded or scuffed OEM E-coat
 - Properly sanded cured OEM and refinished paint
 - Properly dried and sanded Montana branded primer surfacers
- Note:** **Do not** use directly over cracked or deteriorated finishes

MIX BY VOLUME










- 4 Part Performa-Seal™ Sealer
- 1 Part Performa-Seal™ Activator
- 1 Part TH0800 Series Urethane Grade Reducer

Note: Performa-Seal™ Sealer is **NOT** a high build product. Proper repair and finish procedures must be practiced to insure a quality finish. Sealers are not a substitute for improper sanding techniques. Sealer is not intended to fill coarse sand scratch

SHADING

- Performa-Seal™ Sealers may be blended together to achieve various shades of the gray scale.
- No other tints or toners may be added. **Do not** mix with paint.
- See chart below for shading recommendations depending upon color family of the topcoat.

PS3051	PS3051 & PS3053 MIX 2:1	PS3051 & PS3053 MIX 1:2	PS3053	PS3053 & PS3055 MIX 2:1	PS3053 & PS3055 MIX 1:2	PS3055
						
Light Colors Very LT Colors Light Yellows Whites Sivers	Pastel Green Med. Yellow Light Tan Med. Silver Pastel Blue	Green Dark Silver Med. Light Tan Med. Light Red Med. Light Blue	Med. Red Med. Brown Med. Green Med. Blue Med. Gray	Dark Red Dark Brown Dark Blue Dark Green Med. Dark Gray	Dark Green Dark Blue Dark Brown Dark Red Dark Gray	Deep Dk Red Dark Blue Deep Dk Brown Deep Dk Green Deep Dk Blue Black

POT LIFE



- 8 hours at 75°F/23°C.
- Note:** Extreme warm temperatures will shorten pot life.

EQUIPMENT SETUP



HVLP
High Efficiency

Fluid Tip
1.3 – 1.4 mm
1.3 – 1.4 mm

Air Pressure
8 - 10 PSI at the cap
27 - 32 (PSI) 2+ (Bar) Inlet Pressure

APPLICATION

- Apply 1 single, even wet coat of properly mixed sealer, to create a uniform base.
- If desired, apply a second coat after a 10 minute flash. Extend dry time in temperatures below 75°F/23°C.
- Allow a single coat to flash for 15 - 20 minutes at 75°F/23°C before applying topcoats. Multiple coats will require a longer flash time.
- Apply topcoats within 12 hours of sealer application. After 12 hours, scuff using gray scuff pad or P800-P1000 grit sandpaper. Re-clean and apply topcoat.

DRY TIME TO SAND

- Sealer does not require sanding if topcoated within 12 hours.
- If necessary, Air Dry: 30 - 45 minutes at 75°F/23°C to remove debris.

DRY TIME TO TOPCOAT

- 15 - 20 minutes at 75°F/23°C prior to topcoating for a single coat.

COMPATIBLE TOPCOATS

- Acrylic Urethanes
- Acrylic Enamels
- Polyurethane Color
- Basecoats

Note: **Do not** use lacquer type topcoats

SPECIAL NOTES

- Shop and surface temperatures should be maintained at or above 75°F/23°C for the first 24 hours of the cure cycle. Cooler temperatures will result in slower drying, curing and poor performance.

Physical Data

Perma-Seal™ Primer/Sealer 4:1:1 mix			
Mixing by Volume:	Sealer: Activator: Reducer	Avg. Dust Free Time:	10 - 15 minutes
RTS VOC:	4.60 lbs./gal (551 g/L)	Avg. DFT per Coat:	.75 mil ± .20
RTS Weight Solids:	52.6%	Recommended Minimum DFT:	0.5 mils
RTS Volume Solids:	34.5%	Theoretical Coverage @ 1 mil	482 sq.ft.
Avg. Time to Hand Slick:	5 - 10 minutes	Flash Point:	See SDS

CLEAN-UP

Clean spray equipment immediately following application with a quality thinner or spray gun cleaner.

DISPOSAL

Dispose of all paint and paint related materials in accordance with state and local regulations.

SAFETY & HEALTH

Read and follow all technical product information, labels, and SDS prior to application. Keep product out of reach of children and animals. Always wear proper safety equipment (respirator, gloves, eye, and clothing protection) when using this product.

COMPANY INFORMATION

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