



“WE CAN AGUASEAL THAT”

AGUASEAL WATERPROOFING SYSTEMS

**P A N E L S E A L**

# PANELSEAL



## WHAT IS PANELSEAL?

PanelSeal is a metal primer that encapsulates existing rust and prevents further oxidation. Applied as part of the MonoSeal System, PanelSeal completely seals, waterproofs and protects metal roofs against seam and joint leakage.

### WATERPROOFING SEAMS & JOINTS

MonoBase, Fabric and a saturation coat of MonoBase is applied to seal the seams and joints of the metal roof panels, feathering the system 2-3" on either side of the center line.

### PANELSEAL METAL PRIMER

PanelSeal is a water-based, acrylic, surfactant-free primer that is used to encapsulate existing rust and prevent further 'top-down' corrosion. PanelSeal provides a new level of protection for poorly prepared steel, aluminum, and copper metal roof panels.



### MONOTOP and/or MONOTOP GLOSS

MonoTop and MonoTop Gloss are highly flexible, water-based, resin-rich acrylic elastomeric compounds that may be applied as a wear-coat over PanelSeal Metal Primer and the MonoBase System when applied to seams, joints, ridge caps, and roof penetrations.

MonoTop Gloss has been specifically formulated to provide a longer lasting, smoother, glossy, dirt resistant, and easy to clean surface. It exhibits ultra-violet and infrared resistance qualities that, in turn, provide significant roof-cooling properties, all while protecting the roof substrate against the damaging effects of sun, wind, salt air, and rain.

An application of MonoTop or MonoTop Gloss effectively changes the roof substrate from a radiant to ambient temperature, ultimately providing a more energy-efficient interior to the building.

# PANELSEAL

## APPLICATION INSTRUCTIONS

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### PART 1 | EXISTING RUST TREATMENT

Wire brush to remove any loose and flaking rust debris. Whip or stir by hand the contents of the PanelSeal Metal Primer pail to ensure all solids are thoroughly incorporated. Spot apply by brush onto the existing, heavily rusted areas. Leave to dry.

### PART 2 | MONOBASE

Sweep clean or pressure-wash all seams and joints of the metal roof panels to remove any loose material, dirt, and dust.

Apply a primary coat of MonoBase along the length of the vertical seams, feathering 3" on either side of the mid point of the seam. Lay 6" AguaSeal Fabric into the wet MonoBase. Immediately apply a saturation coat of MonoBase over the fabric, thick enough that the fabric is no longer visible.

### PART 3 | PANELSEAL METAL PRIMER

Ensure the MonoBase treatment on the seams/joints is completely dry.

Using a brush or an airless sprayer, apply one coat of PanelSeal Metal Primer over the entire field of the roof at a rate of 200 square feet per gallon.

### PART 4 | MONOTOP AND/OR MONOTOP GLOSS

Ensure the PanelSeal Metal Primer is completely dry. Stir the contents of the MonoTop or MonoTop Gloss pail for 3 minutes using a power drill and whip, or by hand, to ensure all of the solids are thoroughly incorporated.

Spray 2 coats at a coverage rate of 120 square feet per gallon, or 1.2 gallons per square.

#### COVERAGE:

Applied at a rate of 120 square feet per gallon per coat / or 1.2 gallons per square. One 5-gallon pail (2 coats) of MonoTop or MonoTop Gloss will cover approximately 600 square feet.

#### CLEAN UP:

Thoroughly rinse application equipment with clean water.

## SAFETY & HANDLING

For specific information regarding safe handling of the PanelSeal Metal Primer please refer to the Safety Data Sheet.

# TECHNICAL DATA

## PANELSEAL METAL PRIMER

Color	Red
Density	9.88 lbs per US gallon / 1183.89 gm per liter
Volume Solids	56%
Weight Solids	50%
Volatile Organic Compounds (VOC)	189 gm per liter
Freeze Temp	32F / 0C
pH	9.0
Shelf Life	18 months if unopened

## MONOTOP AND MONOTOP GLOSS

Density	12 lbs per US gallon
Volume Solids	53.25% (+/- 2%)
Weight Solids	66.86% (+/- 2%)
Volatile Organic Compounds (VOC)	BaseCoat: 65 gm per liter TopCoat: 72 gm per liter
Application Temps	40F - 105F (Ambient)
Drying Time	1 - 4 hours at 77F / Humidity
Shelf Life	18 months if unopened and stored between 40F - 90F

**AGUASEAL WATERPROOFING SYSTEMS USA, LLC**

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