

# Swift-Spec Application Guide

## MonoSeal System over Existing Substrates

Single Ply Membranes  
Smooth Surfaced Built-Up Roofing  
APP Modified Bituminous Roofing  
SBS Modified Bituminous Roofing  
Granular Surface Roll Roofing

(NOTE - this is a guideline only and does not replace the full AIA Division 7 Specification Sheet)

The MonoSeal System comprises application of foundation coats (MonoBase) with fabric and finish coats (MonoTop and/or MonoTop Gloss) to achieve minimum millage thicknesses

Clean and prepare surfaces to receive waterproofing treatment by removing all loose and flaking particles, grease and any growing organic materials by power wash and a stiff bristle push broom. Extreme care should be taken not to inject water into the substrate during washing.

### Surface Primer

AguaGrip – Spray or brush apply AguaGrip at a minimum of 140 square feet per gallon

### MonoBase

To attain warranty standard coverage, brush (brush only; no spray or rollers) MonoBase at a coverage rate of 2.5 gallons per 100 square feet (averaging 1.5 gallons per 100 square feet below fabric and 1.00 gallons per 100 square feet on top of fabric. This provides a combined total dry thickness including fabric of 24-26mls.

Apply project specific size AguaSeal fabric, laid into the wet MonoBase coating and immediately saturate top of fabric with an additional coat of MonoBase. Care should be given to ensure that adjacent runs of fabric are overlapped a minimum of 4 inches.

Roof Perimeter - Using MonoBase and project specific sized AguaSeal fabric waterproof the entire roof perimeter. Continue the treatment up vertical surfaces and onto deck a minimum of 6 inches in each direction.

Roof Penetrations - Using MonoBase and project specific sized fabric seal around the base of the penetration, extending at least 6 inches onto the vertical and 6 inches onto the base ensuring watertight integrity. Cut flashing to accommodate the shape of the penetration. Both the top and bottom of neoprene pipe boots shall be flashed in similar fashion.

Roof Drains - Remove drain rings and using MonoBase and project specific sized fabric and the seal the roof drains, extending into the bowl of the drain.

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## MonoSeal System over Rigid Insulation

Single Ply Membranes  
Smooth Surfaced Built-Up Roofing  
APP Modified Bituminous Roofing  
SBS Modified Bituminous Roofing  
Granular Surface Roll Roofing

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### MonoTop

Brush, spray or roller apply MonoTop at a coverage rate of 1.5 gallons per 100 square feet for a 10 year warranty. **Total system dry thickness = 40 mils minimum.**

Brush, spray or roller apply MonoTop at a coverage rate of 2.25 gallons per 100 square feet for a 15 year warranty. **Total system dry thickness = 46 mils minimum.**

Brush, spray or roller apply MonoTop at a coverage rate of 3 gallons per 100 square feet for a 20 year warranty. **Total system dry thickness = 52 mils minimum.**

NOTE: 20-year warranties require that the first coat of MonoTop be an alternate color relative to the final MonoTop coats, i.e.; 1 coat of Light Gray/Tan/Cotton color followed by White or other final color selection.

**Warranty NOTE: The following additional process is an AguaSeal Waterproofing Systems requirement for any MonoBase and MonoTop System 15 and 20 year Leak Free Warranties.**

Over the recently applied MonoSeal System, in and around roof drains and scuppers and other areas of potential ponding water, an additional installation of AguaBase and fabric should be applied, measuring 3' around the roof drain and 3' from the mouth of the scupper.

This application comprises a slurry coat of AguaBase, embedded AguaSeal fabric, saturation coat of AguaBase, all applied at a coverage rate of 2 gallons per 100 square feet. When dry, brush apply, additional coats of AguaBase at a coverage rate of 2 gallons per 100 square feet.