

Swift-Spec Application Guide

MonoSeal System over existing Fluid Applied Systems (excluding Silicon)

(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 by power wash, removing all loose particles, grease and any growing organic matter. Extreme care should be taken not to inject water into the substrate during washing.

Examine the roof substrate to locate areas of system wear-through, separation of fabric, delamination and general degradation.

Make any repairs required to the existing substrate in accordance with the guidelines provided by the AguaSeal Technical Sales Representative;

Remove any non-adhering roofing

Where necessary install approved recovery board to bring the repair area level with the existing roofing.

Repair the area with an application of MonoBase, Fabric and MonoBase, or other, such as AguaBase slurry as recommended by the TSR.

If necessary apply AguaBase Slurry or trowel grade AguaBase to the repair area as recommended by the TSR. Embed AguaSeal fabric into the slurry.

Apply another thin layer of MonoBase, AguaBase slurry or trowel grade AguaBase and trowel smooth.

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 coating and immediately saturate with additional 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. 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. Apply MonoBase and fabric from roof surface into the bowl of the drain.

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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.

