INLAND

Quick Spec

Silicone/Polyurethane over Aged TPO, PVC & Hypalon *Roof Coating Restoration*

NOTE: This document provides a general overview of Inland's basic requirements for a hybrid silicone/polyurethane roof coating restoration over mechanically-attached and fully-adhered aged TPO, PVC, and Hypalon membranes. For complete specifications and Technical Data Sheets, please review all product information at www.inlandcoatings.com before application.

REQUIREMENTS

- Roof must be structurally sound.
- Roof must be dry.
- Roof must be clean.
- Conduct a core sample to accurately identify the roof assembly and deck type.
- Discuss leak history with building owner and diagnose any active leaks.
- Perform a moisture survey.
- Perform successful adhesion tests.

REPAIRS

- Remove and replace any wet areas identified in the moisture survey.
- Repair membrane and flashings as necessary using like-materials.
- Install tapered insulation or IN-Slope Ponding Water Eliminator to divert ponding water.
- Loose edges on watertight seams and flashings may be repaired using a three-course method.

CLEANING

- Repairs must be completed before cleaning the membrane to prevent water from entering the roofing system during the cleaning process.
- Use a high-pressure water blast (minimum 3,000 PSI) to remove all contaminants, dirt, oils, and other materials that may interfere with adhesion.
- CleanB4coat, a concentrated cleaner, is available for enhanced cleaning and degreasing.

PRIMING

- Ensure the roof is completely dry before beginning the priming process.
- Prime TPO membranes using AldoPrime TPO at a coverage rate of 800 to 1,000 square feet per gallon.

FIELD SEAMS

- Primer must be completely dry before addressing field seams, penetrations and flashings.
- Field seams must be addressed with one of the following options:
  1) 4-inch-wide band of mastic centered over the seam at a minimum thickness of 1/16-inch (63 wet mils).
  2) Three-course method centered over the seam, consisting of either:
     a) Coating | 4" Fabric | Coating
     b) Mastic | 4" Fabric | Mastic

PENETRATIONS & FLASHINGS

- All flashing edges must be addressed with one of the following options:
  1) 4-inch-wide band of mastic centered over the seam at a minimum thickness of 1/16-inch (63 wet mils).
  2) Three-course method centered over the seam, consisting of either:
     a) Coating | 4" Fabric | Coating
     b) Mastic | 4" Fabric | Mastic
- All exposed flashings must be fully coated.
- Vertical flashings must be coated in multiple thin coats to prevent sagging.

COATING APPLICATION

- Detailing must be completed and fully cured before coating the roof surface.
- Extra care should be taken to ensure proper coverage.
- Use a wet film gauge consistently throughout the application process to verify the correct coverage thickness is achieved.

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COVERAGE RATES

	10-YEAR	15-YEAR	20-YEAR
PRIMER *(Required for TPO Membranes)* Square Feet Per Gallon	AldoPrime TPO 800 - 1,000 Sq Ft	AldoPrime TPO 800 - 1,000 Sq Ft	AldoPrime TPO 800 - 1,000 Sq Ft
BASE COAT Gallons Per Square Wet Film Thickness	AldoThane 384 1.25 Gal 20 WFT	AldoThane 384 1.25 Gal 20 WFT	AldoThane 384 1.25 Gal 20 WFT
TOP COAT Gallons Per Square Wet Film Thickness	AldoSil 397F 1 Gal 16 WFT	AldoSil 397F 1.5 Gal 24 WFT	AldoThane 386 2 Gal 32 WFT
TOTAL MIN REQUIREMENTS Gallons Per Square Wet Film Thickness	2.25 Gal 31 DFT	2.75 Gal 39 DFT	3.25 Gal 47 DFT