INLAND

Quick Spec

Polyurethane over Mod Bit & Smooth BUR *Roof Coating Restoration*

NOTE: This document provides a general overview of Inland's basic requirements for a polyurethane roof coating restoration over aged, smooth and granule-surfaced modified bitumen and smooth asphalt-based built-up roofing 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. New repairs should be aged at least 90 days before coating.
- 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.
- Granule-surfaced Mod Bit: Only experienced personnel should use cleaning agents. On textured surfaces, residue can be difficult to remove and may affect adhesion.
- Use a high-pressure water blast (minimum 3,000 PSI) to remove all contaminants, dirt, oils, and other materials that may interfere with adhesion.

MOD BIT 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.

ALLIGATORING

- Mastic should be used to fill voids and level out moderate and severe alligatoring.

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
BASE COAT Gallons Per Square Wet Film Thickness	AldoThane 384 1.5 Gal 24 WFT	AldoThane 384 1.25 Gal 20 WFT	AldoThane 384 1.25 Gal 20 WFT
INTERMEDIATE COAT Gallons Per Square Wet Film Thickness	—	AldoThane 384 1.25 Gal 20 WFT	AldoThane 386 1.5 Gal 24 WFT
TOP COAT Gallons Per Square Wet Film Thickness	AldoThane 386 1.5 Gal 24 WFT	AldoThane 386 1.25 Gal 20 WFT	AldoThane 386 1.5 Gal 24 WFT
TOTAL MIN REQUIREMENTS Gallons Per Square Wet Film Thickness	3 Gal 36 DFT	3.75 Gal 44 DFT	4.25 Gal 50 DFT