



EPDM Roof Restoration using AP250 (PU)

REQUIREMENTS

- Roof must be clean, dry & structurally sound
- Perform a moisture survey
- Carry out a mockup application to check adhesion
- Try to identify if roof has any active leaks and discuss the complete history with the owner
- Inspect the roof to ensure there are no ponding water areas and roof maintains positive slope

REPAIRS

- Treat wet areas identified in the moisture survey
- Carry out membrane & flashing repair as necessary
- Treat ponding water areas to get positive slope to divert ponding water
- Loose edges on water tight seams can be repaired using suitable material

CLEANING

- Repairs must be carried out before cleaning the membrane to prevent any water ingress in the roofing system
- Suitable EPDM Cleaner must be used with a high-pressure water blast (minimum 3,000 PSI) to remove all contaminants, dirt, oils, and other materials that may interfere with adhesion
- A final rinse with clean water is recommended to ensure the surface is thoroughly cleaned and no residue remains

SEAMS

- The roof must be completely dry before addressing seams, penetrations and flashings.
- Seams must be addressed with one of the following options
 - 1) 4-inch-wide EnerSeal FT Tape – Nano Seal technology centered over the seam
 - 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 EnerSeal FT Tape – Nano Seal technology centered over the seam
 - 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 the start of coating application
- Extra care must be taken to ensure proper coverage
- Use a wet film gauge consistently throughout the application to verify the correct coverage and thickness is achieved.
- Coating can be applied in a single thick coat without any bubble formation

COVERAGE RATES

10-YEAR

15-YEAR

20-YEAR

BASE COAT Gallons Per Square Film Thickness	-----	EnerThane AP 250 1.4 Gal 23.5 mils	EnerThane AP 250 1.78 Gal 30 mils
TOP COAT Gallons Per Square Film Thickness	EnerThane AP 250 2.15 Gal 35 mils	EnerThane AP 250 1.4 Gal 23.5 mils	EnerThane AP 250 1.78 Gal 30 mils
TOTAL MIN REQUIREMENT Gallons Per Square Film Thickness	2.15 Gal 35 mils DFT	2.8 Gal 47 mils DFT	3.56 Gal 60 mils DFT

Note* This document provides an overview of ENERCON basic requirements of AP250 roof coating restoration over fully-adhered EPDM membranes. For detailed guidelines, please request a Guide Spec by emailing at info@enercon-group.com

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