
Part 1 – General

1.1 Scope of Work

- 1.1.1 Supply all materials, labour, equipment and services necessary to install Weatherdek Roofdek 60mil PVC Waterproof Traffic Membrane in areas required.

1.2 Related Sections

- 1.2.1 Section 07181 – Pedestrian Traffic Coating
- 1.2.2 Section 07542 – Polyvinyl Chloride (PVC) Roofing
- 1.2.3 Section 07620 – Sheet Metal Flashing and Trim

1.3 References

- 1.3.1 CCMC TG 07543 – Canadian Construction Materials Centre Technical Guide for “PVC Sheet-Applied Waterproof Decking Membrane (Exposed to Light Pedestrian Traffic), Masterformat number 07543, dated 2000-10-10.
- 1.3.2 CAN/CGSB 37.54-95 – Canadian General Standards Board Standard for Roofing and Waterproofing Membrane, Sheet Applied, Flexible, Polyvinyl Chloride.
- 1.3.3 CAN/CGSB 37-GP-55M – Canadian General Standards Board Standard for Application of Flexible Polyvinyl Chloride Roofing and Waterproofing Membrane.
- 1.3.4 CAN/ULC-S107 – Standard Methods of Fire Tests of Roof Coverings.

1.4 Quality Assurance

- 1.3.5 Membranes applied only by Authorized Weatherdek Dealer/Applicators.
- 1.3.6 Material to be certified by third party Quality Control Agency.

1.5 Delivery and Storage of Materials

- 1.5.1 Deliver materials and sundries in good order in original packaging from manufacturer with all labels and seals intact.
- 1.5.2 Store materials in a dry environment, at a temperature between 4 and 30 degrees C. Do not expose adhesives to lower temperatures as they can be affected by freezing.

1.6 Warranty

- 1.6.1 Provide completed copy of manufacturers Ten Year Limited Warranty covering watertightness, material manufacturing defects, as well as Workmanship Warranty.

1.7 Manufacturer

- 1.7.1 ADS Weatherdek Canada Ltd., 600 Adams Rd., Kelowna, B.C., V1X 7S1 Canada
Phone (250) 765-5575, Fax (250) 765-5548, info@weatherdek.com

Part 2 – Materials

2.1 ADS Weatherdek Roofdek Series, PVC Waterproof Traffic Membrane

- 2.1.1 Membrane Thickness: 60mils (1.5mm)
- 2.1.2 Sheet Width 54" (1370mm)
- 2.1.3 Weight 52 oz/sq yd
- 2.1.4 Colour As selected

2.2 ADS Weatherdek Roofdek Compliances

- 2.2.1 CCMC Evaluation Report Number 13088-R
- 2.2.2 Warnock Hersey Listed Product, File Number L14849
- 2.2.3 Class 'C' Fire Rating as per CAN/ULC S107

2.3 Adhesives and Sealants

- 2.3.1 As recommended and approved by manufacturer.

Part 3 – Execution

3.1 Substrate Preparation

- 3.1.1 Wood substrate – ensure substrate is dry and in sound condition to receive the application of membrane. Fill joints, knotholes, voids and other areas where needed with a gypsum or cementitious based filler and sand smooth.
- 3.1.2 Concrete slab – ensure slab is dry and in sound condition to receive the application of membrane. Fill surface with levelling compound as needed and sand smooth.
- 3.1.3 Ensure all surfaces have adequate slope to drain as per manufacturers recommendations.

3.2 Application of Membrane

- 3.2.1 Apply membrane in accordance with CGSB 37GP-55M and as per manufacturers written installation recommendations
- 3.2.2 Fully adhere membrane to all surfaces
- 3.2.3 Overlap all joints a minimum of ¾" (19mm) and fully heat weld laps
- 3.2.4 Mechanically fasten all edges and perimeters

Part 4 – Care of Membrane

4.1 Cleaning of Membrane

- 4.1.1 Clean membrane only as recommended by manufacturers published 'care and cleaning' instructions.

4.2 Repairs or Adjustments

- 4.2.1 Any repairs or adjustments must be made only by authorized Weatherdek Dealers/Applicators, in accordance with manufacturers recommendations.

END OF SECTION