



Architectural Resources

Division 7



Section - 07 18 13 - Pedestrian Traffic Coatings
Section - 07 54 00 - Thermoplastic Membrane Roofing
Section - 07 54 19 - Polyvinyl-Chloride Roofing

SUNDECKS | ROOFDECKS | BALCONIES | PATIOS | STAIRS | POOL DECKS | WALKWAYS





ARCHITECTURAL RESOURCES



Literature

[Duradek Brochure](#)

[Duradek Ultra Product Data Sheet](#)

[Installation Details](#)



Earn 1 EU with Duradek's FREE AIA registered online course "[Walkable PVC Roof Deck Membranes](#)" hosted on AEC Daily.

Detail Drawings

Direct PDF Links below, or for DWG format, please visit our [BIM & CAD Drawings](#) page.

OUTSIDE PERIMETER DETAILS

[OS-01 — Outside Perimeter Detail - PVC Clip](#)

[OS-02 — Outside Perimeter Detail - 'L' Trim](#)

[OS-03 — Outside Perimeter Detail - PVC Coated Metal Flashing \(Butt Ends\)](#)

[OS-04 — Outside Perimeter Detail - PVC Coated Metal Flashing \(Overlap\)](#)

[OS-05 — Outside Perimeter Detail - Plywood Fascia](#)

[OS-06 — Outside Perimeter Detail - Concrete Fascia](#)

[OS-07 — Outside Perimeter Detail - Radius Fascia](#)

[OS-08 — Outside Perimeter Detail - Verge at Steep Roofing](#)

[OS-09 — Outside Perimeter Detail - Deck/Wall Intersection](#)

[OS-10 — Outside Perimeter Detail - Water Diverters \(Optional\)](#)

[OS-11 — Outside Perimeter Detail - Wood Curb](#)

[OS-12 — Outside Perimeter Detail - Free Standing Wall](#)

[OS-13 — Outside Perimeter Detail - Cantilevered Fascia](#)

[OS-14 — Outside Perimeter Detail - Deck Masonry Wall Intersection](#)

[OS-15 — Outside Perimeter Detail - ANSI / SPRI ES-1 Design](#)

[OS-16 — Curb Tie-In to Membrane](#)

POST & COLUMN DETAILS

[P-01 — Post Detail](#)

[C-01 — Raised Column Base Detail](#)

DRAIN DETAILS

[DR-02 — Drain Detail - Aluminum Deck Drain](#)

[DR-02-A — PVC Coated Deck Drains](#)

[DR-03 — Drain Detail - PVC Coated Box Scupper](#)

[DR-04 — Drain Detail - PVC Coated Overflow](#)

[DR-05 — Concrete Drain With Surface Membrane Clamp](#)

[DR-06 — Trough Deck Drain with Aluminum DD2/DD3 Drain](#)

ASSEMBLY DETAIL FOR CLASS 'A' FIRE RATING

[C-A — Roof Covering Assembly to Achieve Class 'A' Fire Rating](#)

INSIDE PERIMETER DETAIL'S

[IS-01 — Inside Perimeter Detail - 'L' Trim](#)

[IS-01-A — Water Based Adhesive @ Field Area of Membrane](#)

[IS-01-B — Contact Adhesive @ Field Area of Membrane](#)

[IS-02 — Inside Perimeter Detail - Deep Profile Cladding](#)

[IS-03 — Inside Perimeter Detail - Raised Curb Door](#)

[IS-03-B — Inside Perimeter Detail - Raised Curb Door with Sill Pan Flashing](#)

[IS-04 — Inside Perimeter Detail - Accessible Door](#)

[IS-05 — Inside Perimeter Detail - Reglet Flashing](#)

[IS-06 — Inside Perimeter Detail - Through Wall Flashing](#)

[IS-07 — Inside Perimeter Detail - Tie Into Existing Membrane](#)

[IS-08-A — Removable Trim Board Detail | Vinyl Install Prior to Cladding](#)

[IS-08-B — Removable Trim Board Detail | Vinyl Install After Cladding](#)

[IS-09 — Inside Perimeter Detail - Door Detail](#)

[IS-10 — Tie-In to Steep Roof](#)

[IS-11 — EIFS with Raised Trim](#)

[IS-12 — EIFS with Removable Trim](#)

NON-HABITABLE DETAILS

[NH-01 — Non-Habitable Detail - 'L' Trim Flashing](#)

[NH-02 — Non-Habitable Detail - Gum Pocket Flashing](#)

[NH-03 — Non-Habitable Detail - Wall Water Cut-Off](#)

[NH-04 — Non-Habitable Detail - Concrete Slab Water Cut-Off](#)

[NH-05 — Non-Habitable Detail - Metal Post](#)

[NH-06 — Non-Habitable Detail - Wood or Metal Post](#)

[NH-07 — Non-Habitable Detail - Flush Door Sill](#)

[NH-08 — Non-Habitable Detail - Raised Door Sill](#)

[NH-09 — Non-Habitable Detail - Rainwater Leader \(RWL\) Thru Deck](#)

RAILING MOUNT DETAILS

[R-01 — Aluminum Railing Mounting Connections - Curb & Fascia](#)

[R-02 — Aluminum Railing Mounting Connections - Surface](#)

[R-03 — Aluminum Railing Mounting Connections - Surface with Raised Base Plate](#)

[Access BIM here](#)

[View all 52 Detail Drawings here](#)

Specifications

Download links to DOC versions below, or for DOCX, RTF, and TXT formats, please visit our [3-Part Specifications](#) page.

Pedestrian Traffic Membrane 3 Part Specifications: Master Format (95) [07185](#) | Master Format (2018) [07 18 13](#)



ARCHITECTURAL RESOURCES



Substrate Requirements

For Details on our Substrate Requirements and examples of our Edge Trims, please visit our [Substrate Requirements & Edge Trims](#) page.

[Techtalk #126 CDN](#) | [Techtalk #126 US](#) - Plywood Sheathing and Deck Construction Recommendations

[Techtalk #126S- Plywood Requirements Supplement](#)

[Techtalk #140 - Duradek Application to Concrete](#)

[Techtalk #161 - Duradek Application to Sealed or Coated Surfaces](#)

Approvals

For full listings of evaluations, please see our Testing & Approvals for both the [United States](#) and [Canada](#).

[ICC Evaluation Report](#) - ERS-2151 | Division 7: Thermal and Moisture Protection

Section 07 18 13 - Pedestrian Traffic Coatings

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Duradek complies with the 2018 IBC & IRC and ASTM D4434, Type II.

[CCMC Evaluation Report](#) - 13134-R | Division 09.26: Traffic Coating | Walkable Roofing Membrane Over Habitable or Rated Space.

[QAI Test Report Number RJ0449P-1R1](#) —CAN/CGSB-37.54-95, Type 3, Class B Membranes

QAI 3rd Party Quality Control Program — US Listing [B1023-2](#) | Canada Listing [B1023-1](#)

[QAI Engineering Evaluation Report No. RJ2822P-2](#) in accordance with AC-39

[QAI Engineering Evaluation Report No. RJ0720F-1](#) in accordance with ASTM E108-08 Class A Fire Rating

[QAI Engineering Evaluation Report No. RJ5052F-1](#) in accordance with ASTM E108-08 Class C Fire Rating

[QAI Engineering Evaluation Report No. T731-2](#) CAN/ULC S107-03 Class A Fire Rating

[QAI Engineering Evaluation Report No. T731-08](#) CAN/ULC S107-10 Class C Fire Rating

[QAI Test Report No. RJ0913P-1R2](#) for ANSI/FM 4474 Uplift Resistance

[Farabaugh Test Report No. T128-11](#) Pull-off Test for Edge Flashing per ANSI/SPRI ES-1

[FBC Report No. FL20069.2](#)—Compliance with 2020 Florida Building Codes

[TDI Report No. RC-477](#)—Compliance with Texas Department of Insurance Requirements

[QAI Ultra Okanagan Non-Woven Backed Evaluation](#) to CAN/CGSB 37.54-95

Please refer to our website [Testing & Approvals](#) pages for [Canada](#) and the [United States](#) for the most current evaluation reports.

Warranty

For more details on the 3-Levels of protection with a Duradek Warranty, please see our [Warranty](#) page.

[Duradek Ultra 15 Year Warranty](#) with Care & Cleaning Guide

Other Resources

[Care and Cleaning](#)

[Green Building](#)

[LEEDS Credit](#)

[Duradek White Paper: Walkable and Waterproof](#)

[Duradek White Paper: The D's of Decking](#)

[Photo Gallery](#)

[Case Studies](#)

[Dek-Vision Virtual Deck Makeover Tool](#)

FREE AIA registered online course:

- [Walkable PVC Roof Deck Membranes](#)