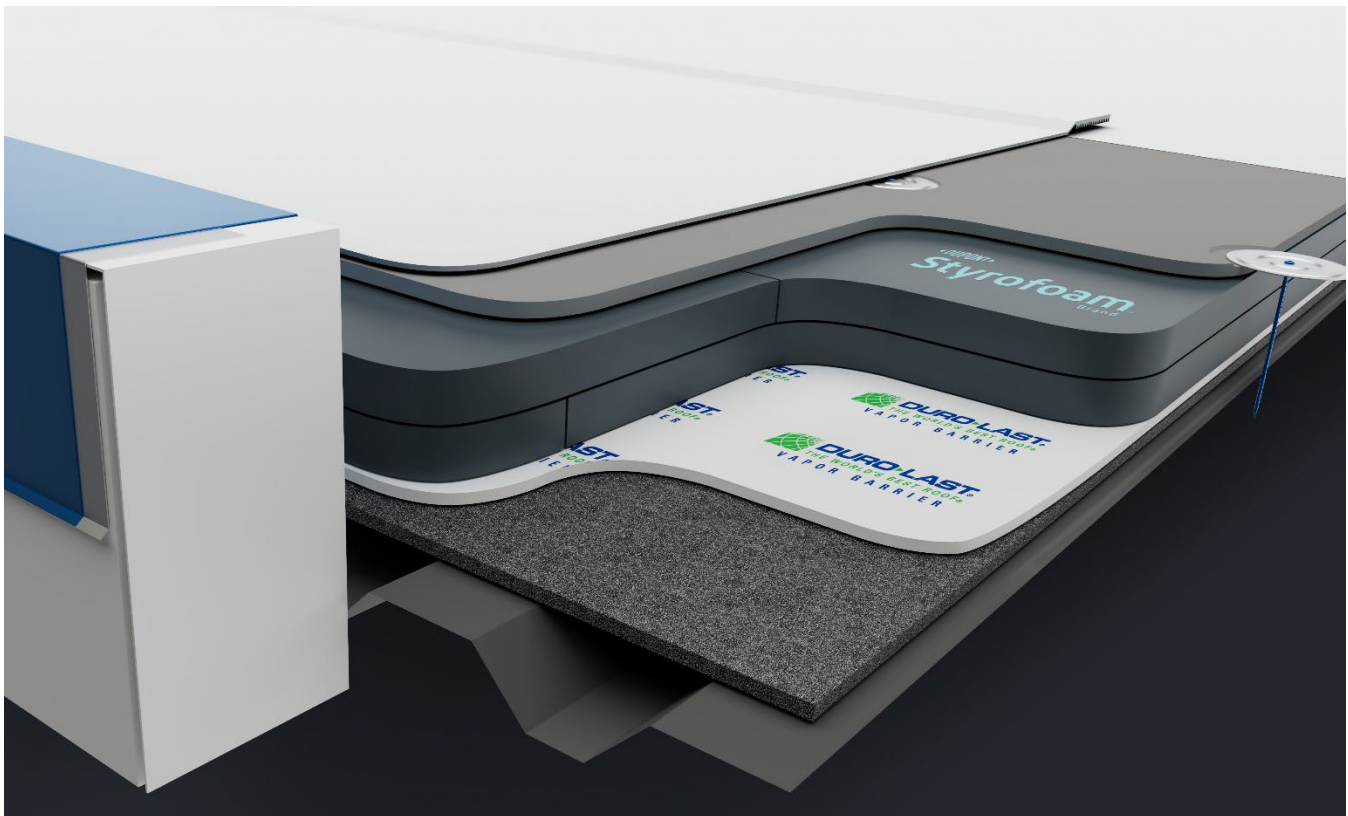




DURO-LIFE™ 600 ROOFING SYSTEM

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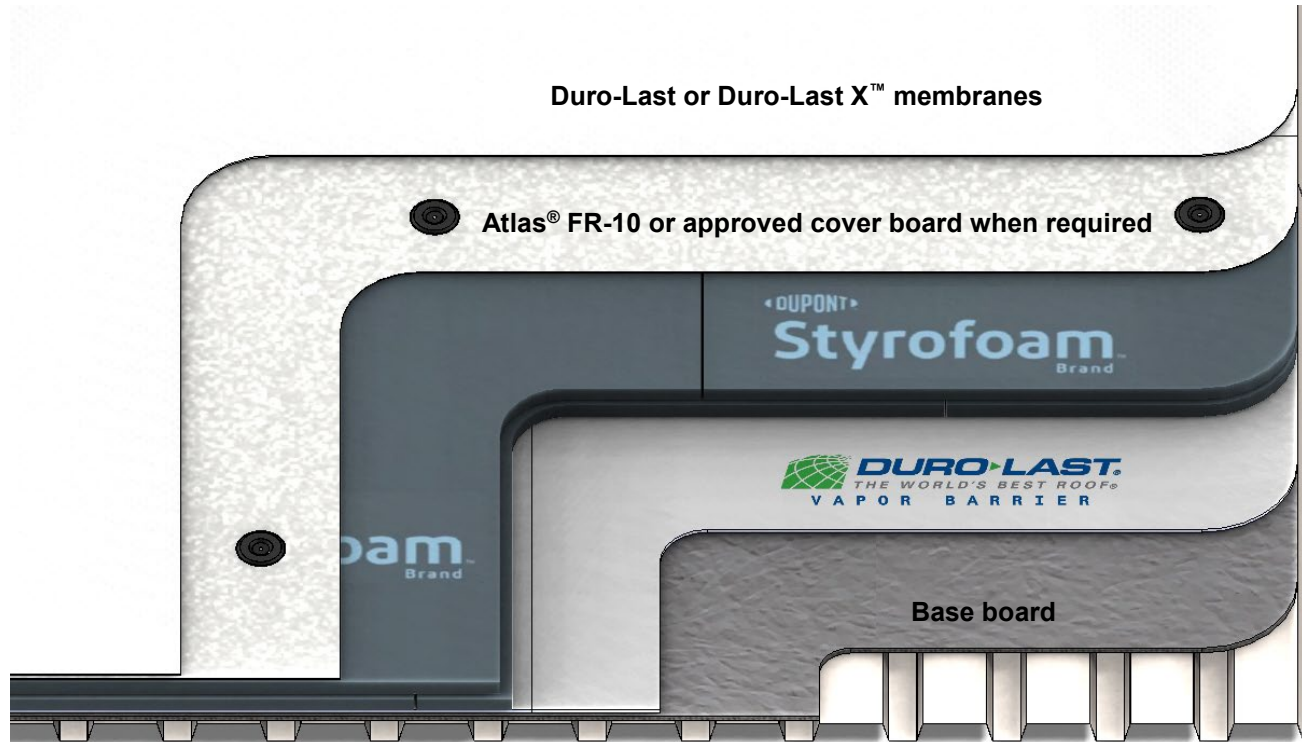


1.10 INTRODUCTION

This document outlines the requirements for installing the Duro-Life™ 600 Roofing System. These requirements **supplement** and **supersede** the following specifications:

- Duro-Last® Mechanically Fastened Roofing System Specification
- Duro-Last Roll Good Mechanically Fastened Roofing System Specification
- Duro-Bond® Induction Weld Roofing System Specification

The Duro-Life 600 Roofing System must be installed over specific products and roofing assemblies. All requirements stated herein are in addition to the base requirements of the mechanically fastened specifications as mentioned above.



2.10 WARRANTIES

The Duro-Life 600 Roofing System is for non-residential installations only. A Duro-Last Quality Assurance Technical Representative must inspect and successfully pass the Duro-Last Roofing System before a commercial warranty can be issued.

The installing contractor shall refer to the *Care and Maintenance Guide & Owner Checklist* document available at Duro-Last's Specifications Portal under *Supporting Warranty Documents*. Or click the following link:

<https://specs.duro-last.com/download?id=53c73e363631375ec0000322&type=pdf>

This specification meets standard installation requirements for the following warranties:

Duro-Life 600 Warranties*: Do not include consequential damages.		
Warranty Name	Minimum Mil Thickness (Deck)	Minimum Mil Thickness (Parapet and Flashings)
25-Year NDL Warranty	60	60
30-Year NDL Warranty	80	60

- * High wind coverage available with pre-approved Letter of Intent from Engineering Services.
Hail coverage is not permitted.

3.10 GENERAL REQUIREMENTS

- All products must be purchased through, and supplied by, Duro-Last.
- The building owner or specifier must apply for the Duro-Life 600 Roofing System in advance of purchase of all Duro-Last and DuPont™ products.
- The building owner or specifier must indicate prior to the start of the project if the building is insured by FM Global®.
- Project must be new construction or full tear off. Recovers are not permitted.

4.10 CONTRACTOR REQUIREMENTS

- Must be installed by a pre-approved Duro-Last contractor.
- Refer to the pricing schedule for standard, Master, Elite and Platinum contractor levels.
<https://portal.duro-last.com/pricelist>

5.10 INSTALLATION

- Must be mechanically fastened by:
 - Duro-Bond induction weld
 - In-seam (roll goods)
 - Tab (custom-fabricated)
- No other systems are permitted.

6.10 DECKS (INSTALLED BY OTHERS)

- Must be installed over:
 - Steel
 - Structural concrete (poured in place or precast)
 - Wood (3/4-inch plywood or minimum 2-inch fire-rated plank)

Pull tests must be documented and included with the Duro-Life 600 Roofing System application. Pull test values must be a minimum of 450 pounds.

7.10 SUBSTRATE/BASE BOARDS

Substrate/Base boards must be located underneath vapor barriers when vapor barriers are present, except when the deck is structural concrete.

- Duro-Guard® cement board (minimum 7/16-inch)
- Duro-Last-approved cement board (minimum 7/16-inch)

8.10 VAPOR BARRIERS

Vapor barriers are optional unless required by a design professional.

- Duro-Last Vapor Barrier
- Duro-Last Torch Down Vapor Barrier

9.10 INSULATIONS

Per ICC code, insulation shall be installed in not less than two layers. The edge joints between each layer shall be staggered a minimum of six inches. Two layers of insulation are not required where insulation tapers to the roof deck at a gutter edge, roof drain or scupper.

- DuPont Styrofoam™ Brand DeckMate™ Plus XPS Foam Insulation (blue or gray based on region)

10.10 SLIP SHEETS/COVER BOARDS

Assemblies will vary in usage of slip sheets and cover boards. This depends upon fire ratings, local code compliances and/or design professional specifications.

- Atlas® FR-10 Fire Barrier Slip Sheet (one layer)
- or
- Duro-Guard cement board (minimum 7/16-inch)
- Duro-Last-approved cement board (minimum 7/16-inch)

11.10 ROOF MEMBRANES

Refer to **WARRANTIES** on page 2 for minimum mil thicknesses.

- Duro-Last
- Duro-Last X

12.10 EDGE METAL

- Duro-Last or EXCEPTIONAL® Metals metal edge systems and details.

13.10 FASTENERS/PLATES

- Duro-Last Plates: Duro-Bond® Plate or Cleat Plate®.
- Duro-Last Fasteners: Screws or nails (minimum #14 or thicker).