Bulletin: #18-04
Date: 04/30/2018

UL® FIRE-RATED ASSEMBLIES

Duro-Last® has many UL® fire-rated assemblies. Each assembly is unique and must not deviate from what is written.
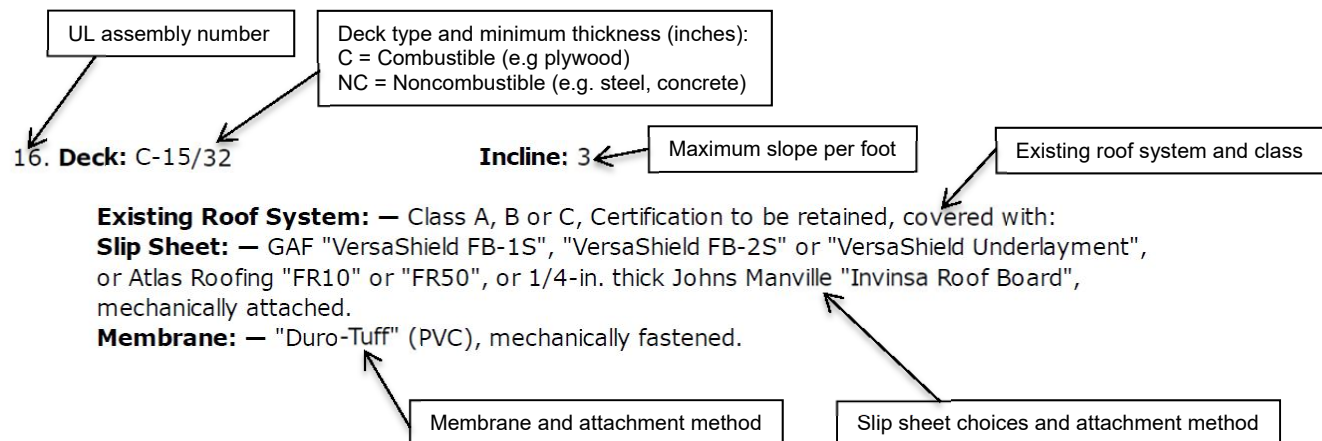
Each membrane type (i.e. Duro-Last, Duro-Tuff®, Duro-Fleece®, Duro-Fleece Plus® and Duro-Last EV) has individual fire-rated assemblies that do **not** carry over to other membrane types unless specifically stated in writing within the UL fire listings. **For example, not all Duro-Tuff membrane fire-rated assemblies are interchangeable with Duro-Last membrane fire-rated assemblies.**

To determine fire ratings, the following must be known:

- Membrane type

- Membrane attachment method (i.e. adhered (plus adhesive type) or mechanically fastened)

- Anything between membrane and deck (e.g. cover board and/or insulation type)

- Cover board and/or insulation attachment method (i.e. adhered (plus adhesive type) or mechanically fastened)

- Deck type (e.g. wood, steel, etc.)

- Slope of deck or tapered insulation system (e.g. 1/4-inch per foot)

If customers request help with finding specific fire-rated assemblies, they must be prepared to provide this information to the Duro-Last Engineering Services Department. Customers are encouraged to ask for copies of documented fire-rated assemblies with each request.

An example of Duro-Tuff and a slip sheet overlaying an existing roof to retain the existing fire classification is shown below. For reference, always make note of the page number where each listing is found.

UL assembly number

Deck type and minimum thickness (inches):
C = Combustible (e.g plywood)
NC = Noncombustible (e.g. steel, concrete)

Maximum slope per foot

Existing roof system and class

16. **Deck:** C-15/32   **Incline:** 3

Existing Roof System: — Class A, B or C, Certification to be retained, covered with:
Slip Sheet: — GAF "VersaShield FB-1S", "VersaShield FB-2S" or "VersaShield Underlayment", or Atlas Roofing "FR10" or "FR50", or 1/4-in. thick Johns Manville "Invinsa Roof Board", mechanically attached.
Membrane: — "Duro-Tuff" (PVC), mechanically fastened.

Membrane and attachment method

Slip sheet choices and attachment method

UL® FIRE-RATED ASSEMBLIES

Customers can find the Duro-Last UL fire-rated assemblies within the UL fire listings at www.ul.com; or a copy of the UL fire listings is located on the Duro-Last website at www.duro-last.com.

Step-By-Step for UL

1. On UL home page, scroll to bottom of page and **left-click** on Online Certifications Directory.

2. Within Company Name search box, type *duro-last*, then press **ENTER**.

3. The search results will have two pages, l**eft-click** on page 2.

4. **Left-click** on TGFU.R10128 file link.

Step-By-Step for Duro-Last

1. On Duro-Last home page, hover over Technical dropdown menu, **left-click** on Specifications.

2. Either use jump menu on left of screen; or scroll down and **left-click** on UL Roofing Systems (Class A, B, C) file link.

If you have any questions regarding this Technical Bulletin, please contact the Duro-Last Engineering Services Department at 800-248-0280.