

**January 2023 Specifications and Details Update
January 23, 2023**

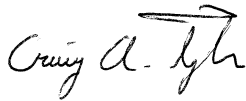
To: Carlisle SynTec Systems' Manufacturer's Representatives, Distributors, and Authorized Applicators

Carlisle's specifications and details have been updated and uploaded to the Carlisle SynTec Systems website. Some highlights of the changes include:

- Added Sure-White® reinforced membrane in the EPDM Specification.
- Modified the warranty tables in Thermoplastic Specification Attachment I – Thermoplastic Mechanically Fastened Roofing Systems, Induction Welding (RhinoBond®/isoweld®) Attachment Method to include 25- and 30-year warranties.
- Added detail FB-12C.1 Parapet/Curb with Aqua Base 120 or HydroBond Adhesive to the FleeceBACK® Specification.

For a complete list of revisions and alterations to the details, please refer to the Design Advisory – January 2023 Specification Updates, which are attached to this announcement.

Sincerely,



Craig Tyler
Manager, Specification Develop & Green Initiatives

Design Advisory – January 2023 Specification Updates

EPDM Specification Changes

- Updated Warranty Table II to include Sure-Tough™ mechanically fastened for 90 mph as acceptable.
- Updated Warranty Table III to remove notes 1 and 2 restricting warranty wind speeds to maximum warranty durations.
- Updated Warranty Table IV by changing “wood decks” to “OSB and plywood decks”
- Added Sure-White reinforced membrane to product section.
- Updated Table B1 – Polyisocyanurate by removing SecurShield® HD Composite as acceptable for use in ballasted systems. Removed design restriction note.
- Added InsulBase NH in Part II – Products.
- Added SecurShield NH in Part II – Products.
- Updated Table C1 – Expanded Polystyrene by removing InsulFoam HD Composite as acceptable for use in ballasted systems. Removed design restriction note.
- Modified product description for HP Protection Mat to add “when used in re-roof/no tearoff projects, warranty is limited to 15-year projects.”
- Added Lite-Deck Fastener to Insulation Fastening Criteria Table in Part II – Products.
- Added Lite-Deck Fastener to product description in Part II – Products.
- Modified all fastener spacings in Table D – Mechanically Fastened System Design Criteria (25- to 30-year) in Specification Attachment II – 25/30-Year Warranty Enhancements.
- Modified minimum number of perimeter sheets in (Sure-Tough Only) 22-Gauge Steel Deck or Structural Concrete Table in Specification Attachment II – 25/30-Year Warranty Enhancements.
- Modified guide spec for Sure-Tough EPDM mechanically fastened roofing system to include Sure-White reinforced membrane as an option.
- Modified form spec for Sure-Tough mechanically fastened to include Sure-White reinforced membrane.

EPDM Detail Changes

- U-8D.1 Field-Fabricated Hot Stack 25/30-Year Warranties – Added Water Cut-Off Mastic to installation of metal collar.

Thermoplastic (TPO/PVC/KEE HP) Specification Changes

- Added 16'-wide TPO membrane to Part I – General in descriptions.
- Added 16'-wide TPO membrane to Part II – Products.
- Added Lite-Deck Fastener to Insulation Fastening Criteria Table in Part II – Products.
- Added Lite-Deck Fastener to product description in Part II – Products.
- Modified Warranty Table I – Induction Welded Membrane Systems Warranty Options to include 25- and 30-year warranties in Specification Attachment I – Thermoplastic

Mechanically Fastened Roofing Systems Induction Welding (RhinoBond/isoweld) Attachment Method.

- Added Warranty Table II – Induction Welded Induction Weld Plate Density in its entirety in Specification Attachment I – Thermoplastic Mechanically Fastened Roofing Systems Induction Welding (RhinoBond/isoweld) Attachment Method.
- Added Gray PS Elastoform to product section in Specification Attachment II – TPO Flashing Procedures Utilizing Sure-White EPDM Flashing Products.
- Added Gray Universal Single-Ply Sealant to product section in Specification Attachment II – TPO Flashing Procedures Utilizing Sure-White EPDM Flashing Products.

Thermoplastic (TPO/PVC/KEE HP) Detail Changes

- MF-8BT Field-Fabricated Pipe Seal – Changed title to “Field-Fabricated Pipe Seal with EPDM PS Elastoform”. Added gray as an option for PS Elastoform in detail.
- U-8DT Hot Stack: Field-Fabricated Flashing with Sure-White Pressure-Sensitive Elastoform – Changed title to “Hot Stack: Field-Fabricated Flashing with EPDM Pressure-Sensitive Elastoform”. Added gray as an option for PS Elastoform.
- U-15GT Outside Corner with Pressure-Sensitive EPDM Flashing (Option 2) – Changed title to “Outside Corner with Pressure-Sensitive EPDM Elastoform (Option 2)”. Added gray as an option for PS Elastoform.

FleeceBACK (EPDM/TPO/PVC/KEE HP) Specification Changes

- Added Lite-Deck Fastener to Insulation Fastening Criteria Table in Part II – Products.
- Modified Warranty Table I in Specification Attachment IV – FleeceBACK RL EPDM/TPO/PVC RapidLock Roofing Systems to include FleeceBACK RL PVC 135-mil for 30-year warranties. Modified FleeceBACK RL EPDM 145-mil note “(1)” to “(2)”.

FleeceBACK (EPDM/TPO/PVC/KEE HP) Detail Changes

- FB-12C.1 Parapet/Curb with Aqua Base 120 or HydroBond Adhesive – Added detail in its entirety.

FleeceBACK AFX (EPDM/TPO) Specification Changes

- No changes.

FleeceBACK AFX (EPDM/TPO) Detail Changes

- No changes.

Roof Garden Roofing Systems – Modular Tray Specification Changes

- No changes.

Roof Garden Roofing Systems – Modular Tray Detail Changes

- No changes.

Spec Supplements

- Modified T-01-22 Heat Welding Equipment Use and Procedures for Thermoplastic Membranes to remove 60-mil requirement for T-Joint Cover. Also deleted “The use of Sure-Flex Non-Reinforced Flashing is not acceptable to overlay T-Joint splice intersections.”

Design References

- No changes.