

SUPPLEMENT: SELF-ADHERED MEMBRANE FLASHING TAPES AND SEALANTS

Designers and builders are required to verify material interface connections meet project and building code requirements. Construction professionals however, will often question the compatibility of products such as Self-Adhered Membranes (SAM), Sealants, and Butyl tapes.

The following is a list of products that will not adversely affect the performance of Duradek membranes. Duradek compatibility information can be found in [Techtalk 152](#).

SELF - ADHERED MEMBRANES

By simply removing a protective liner, these membranes can be directly applied to various substrates, ensuring quick installation, consistent coverage, and reduced labor costs.

Huber

- [ZIP System™ Flashing Tape \(1\)](#)
- [ZIP System™ Stretch Tape \(1\)](#)

STO Products

- [StoGuard Conformable Membrane \(1\)](#)

DuPont

- [DuPont™ Tyvek® Tape \(2\)](#)
- [DuPont™ Tyvek® FLEXWRAP EZ Tape \(2\)](#)

Protecto Wrap Company

- [Protecto SafSeal 45 Butyl™ -\(with aluminum foil facer\) \(2\)](#)

3M

- [3M™ Air & vapour Through Wall Flashing Tape 3015TWF \(1\)](#)
- [3M™ Air and Vapour Barrier 3015NP \(1\)](#)

Soprema

- [Soprseal Stick Vp \(1\)](#)

Nichigo

- [Nichigo- G Tape \(1\)](#)

NOT COMPATIBLE:

Duradek Membranes are not compatible with Bitumen Based Products TT 152 ([link](#))

Note: (1) SAM with Synthetic pressure sensitive adhesives - (new generation of SAM flashing tapes). Often utilize acrylic chemistry pressure sensitive adhesives that limit the need for primers, with broad installation and operating temperature ranges. (2) SAM with Butyl pressure sensitive adhesives -typically High Temp" where higher conductive heats from metal flashings are of concern.

SEALANTS (CAULKING)

Sealant is a substance used to block fluids, dust, sound, and heat through material openings. Unlike adhesives, sealants can be weak or strong, flexible or rigid, and permanent or temporary. Some sealants have adhesive qualities and are called adhesive-sealants or structural sealants. (1)

POLYURETHANE SEALANTS

Polyurethane sealant is a versatile, high-performance adhesive and sealing compound widely used in construction.

Tremco®

- [Dymonic® 100 High-Performance, High-Movement Single-Component, Polyurethane Sealant](#)
- [Vulkem® 116 Textured, Single-Component Polyurethane Sealant](#)

Sika

- [Sikaflex® NP 1 One-component, acoustic/sound damping, elastomeric, gun-grade Polyurethane Sealant](#)
- [Sikaflex®-1a premium-grade, high performance, moisture-cured, one-component, polyurethane-based, non-sag elastomeric sealant.](#)

PREFORMED BUTYL SEALANT TAPES

Prefomed Butyl Sealant Tapes are chemically compatible with Duradek membranes and available in various widths and thicknesses. Used with Duradek term bars to assist in sealing fastener points.

Tremco®

- [440 Tape Butyl Sealant Tape - is a 100% polyisobutylene cross linked butyl, preformed sealant.](#)

NOT COMPATIBLE:

SILICONE SEALANTS

Exterior grade silicone sealants are not recommended as they typically do not provide optimal adhesion to Duradek membrane surfaces.

ACRYLIC SEALANTS

Exterior grade acrylic sealants are also not recommended as they do not offer optimal sealant and physical properties when compared to Duradek recommended sealants.

Note: (1) Sealants must only be applied to the face surface of Duradek membranes and must not be applied under the membrane without express consent of Duradek - as sealants may negatively interact with Duradek Adhesives.