

XIII. Sealant, Tape, Adhesive & Fasteners

EPS provides all necessary sealants, tapes, adhesives and fasteners with each building package. Refer to cross sections and construction details for exact placement of each. Refer to fastening and adhesive schedule for proper quantities. Fastening schedule may change depending on location and conditions.

a. SIP-Seal

EPS uses Sustain SIP-seal sealant. This sealant is used for all foam to foam, foam to wood and wood to wood connections. SIP-seal will not harden or become brittle and remains flexible after it cures. It can be applied in temperatures between 0 F to 120 F and will not freeze. SIP-seal comes in 20 oz. sausage tubes that cover approx. 50' at 3/8" bead. EPS can provide a manual and battery operated sausage tube applicators.

b. One-Component (Gun foam-optional)

EPS uses "All Seasons" polyurethane foam gun sealant made by Touch-n Seal. This foam is called one-component expanding low pressure foam sealant. It is ideal for filling small gaps and cracks, providing airtight insulation that stops air infiltration. One 24 oz. can of the "All Seasons" will yield a bead 1/4" x 2,150'. The shelf life of a can will last as long as 12 months. Once the can is started, do not remove the gun until the can is empty; then purge gun and remove can. Clean gun thoroughly with acetone or polyurethane foam cleaner. Do not allow foam to harden in the gun. For more information on foam sealants go to www.touch-n-seal.com.

c. Two-Component (optional)

For large voids and cavities that need filled, a two-component foam may be required. Two-component foam kits are not a part of a standard package, but can be sent upon request. For more information on foam sealants go to www.touch-n-seal.com.

d. Tape

SIP tape is used at all roof seams to prevent air infiltration. Ensure all surfaces are clear of any debris before applying. Tape may not stick as well if surfaces are too cold. SIP tape comes in widths of 4", 9", & 18". SIP tape is also used under panels that rest directly on concrete to prevent moisture from being wicked up into the panel skin. Refer to construction details for exact placement.