



Precision Points

Compatibility 01

010000

05.04.2025

Material Compatibility

The following is a list of common building materials that we deal with daily. The list compiled below represents typical building material incompatibility...If specifications or drawings have any of these items together, please contact the Manufacturer's and the Architect to discuss compatibility issues with the materials specified.

ALWAYS REVIEW PRODUCTS WITH EACH MANUFACTURER TO CONFIRM COMPATIBILITY, WHETHER ON THE LIST OR NOT and obtain **confirmation of compatibility**

(This is not a complete list of material interactions...I will be updating as more are identified)

Bitumens & Polystyrene	Bituminous-based products & EPDM
Bitumens & Polyethylene	Bituminous-based products & TPO
Solvent-based sealants & Polystyrene (EPS & XPS)	Bituminous-based products & PVC
Solvent-based sealants & Polyethylene	Rubberized Asphalt & plasticized PVC (Most Peel-N-Stick Materials) & (window nailing flange)
Asphalt roofing & Polyurethane sealants	Rubberized Asphalt & <u>Uncured</u> Neoprene (Most Peel-N-Stick Materials)
	Rubberized Asphalt & EPDM (Most Peel -N-Stick Materials)
Butyl blend adhesives & Plasticized PVC (window nailing flange) (Typically, arched & round windows use plasticized PVC nailing flange)	Rubberized Asphalt & TPO (Most Peel-N-Stick Materials)
	EPDM & Solvents, Vegetable Oil, Mineral Oil, Animal Based Oils, & Animal Fats.
Polyurethane sealants & Polystyrene (EPS & XPS)	Polyurethane sealants and other sealant types (other than silicone) on silicone have poor adhesion
Silicone & EPDM (cause discoloration and/or loss of sealant adhesion to the substrate of light-colored silicone sealants – Contact Manufacturer of Sealant) If adhesion is not affected, consider a dark colored sealant	Polyurethane sealant & polyethylene sheet have poor adhesion
Silicone & Neoprene (cause discoloration and/or loss of sealant adhesion to the substrate of light-colored silicone sealants – Contact Manufacturer of Sealant) If adhesion is not affected, consider a dark colored sealant	Polyurethane sealant & PVC have poor adhesion
Silicone & Bitumens (cause discoloration and/or loss of sealant adhesion to the substrate of light-colored silicone sealants – Contact Manufacturer of Sealant) If adhesion is not affected, consider a dark colored sealant	Polyurethane sealant & Vinyl have poor adhesion
Silicone & Asphalt (cause discoloration and/or loss of sealant adhesion to the substrate of light-colored silicone sealants – Contact Manufacturer of Sealant) If adhesion is not affected, consider a dark colored sealant	
Silicone & Silicone Compatible Rubber (cause discoloration and/or loss of sealant adhesion to the substrate of light-colored silicone sealants – Contact Manufacturer of Sealant) If adhesion is not affected, consider a dark colored sealant	Acetic-Cure Silicone Sealants & Mirror Backs