

TREMCO PERIMETER TRACE TOOLS AND SEALANT SELECTION

Two options for tool selection are available: inside notching or outside notching tools. Each option has its advantages as well as some conditions that are interactive with sealant selection and use.

Inside Notching Tools limit the area for gas and moisture vapor transfer (the area not restricted by the metallized barrier film) to its minimum value, to approximately 0.8 in² for a typical ½" x 24" x 36" IGU.

Outside Notching Tools add to that value by opening the four corners and cutting the metallized barrier; this increases the area for gas and moisture vapor transfer to approximately 1.3 in² for a typical 1/2" x 24" x 36" IGU.

When making your selection of hand tool, it is recommended that you first select your best option for your choice of applied sealant, then reference the chart below for awareness, and select your notching tool to process. To reiterate Technical Bulletin IG 1.1 commentary, the applied sealant selection as well as tool selection is the responsibility of the IGU fabricator.

Sealant Type	Inside Notching Tool (foil remain intact)	Outside Notching Tool (foil barrier is notched open)
Lower Perm Hot Melts/Curable Hot Melts (where permeance is <3 g/m ² •24 hr)	Approved for Use	Best Practice
Higher Perm Plural Component Thermosets (where permeance is 3 to 6 g/m ² •24 hr)	Increase Sealant Depth Required, Tool Approved for Use	Not Recommended