

## GLAZING INSTUCTIONS

### General Information:

INSULITE units are factory sealed insulating glass units subject to continuous movement due to changes in temperature and barometric pressure. Accordingly, adequate provision must be made for expansion and contraction of sash members to insure against pressure on the glass. To provide against breakage, a non-hardening tape or compound, vinyl or neoprene extrusion must be used to eliminate contact between glass and sash.

1. Sash opening must be square and plumb so that proper face and edge clearance is maintained. See diagram for clearance dimensions below.
2. Use a good grade Butyl tape or compound or one part rubber-type polysulphide, polyurethane or silicone compound.
3. Locate neoprene setting blocks or metal glazing clips on bottom of each unit in from each corner one-fourth the width of the glass. Neoprene spacer strips should be used at the top and sides to provide uniform placement. Use metal glazing clips for ½" thick units without face stops.
4. All units with any type heat-absorbing or obscure glass must be glazed with the heat-absorbing or obscure glass to the outside.

### Tape Method (Outside Glazing):

Apply a bed strip of Butyl glazing tape fixed stop to provide ½" minimum bearing face against glass. Tape must be placed to completely cover the metal frame on edge of insulating glass unit after setting. Tape must be of sufficient thickness in accordance with the tolerances of the sash. Cut and fit tape to butt around spacers closely.

Press unit in evenly to insure complete contact and adhesion to tape to insure a watertight fit. Fill all voids around entire perimeter of glass with Butyl, silicone or rubber-type compound.

Fix face stops and apply bead of rubber-type compound to gap between stop and glass. Be sure metal frame of insulating glass unit is covered. Trim and slope compound from glass to stop to provide water drainage. Trim off excess tape on inside to bevel.

NOTE: for inside glazing with applied stop on inside, follow same procedure except final bead of compound must be applied between outside fixed stop and glass.

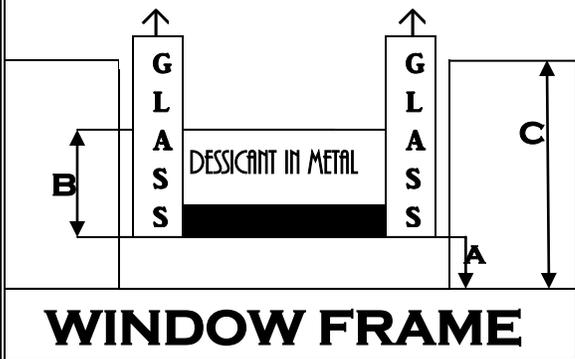
### Rubber Compound Method:

Apply elastic, *non-hardening* rubber-type polysulphide, polyurethane or silicone compound to fixed stop. Use sufficient material to provide uniform squeeze-out beyond sight line.

Set insulating glass unit evenly using uniform pressure to insure full, continuous contact. Fill all voids to prevent water leakage or air infiltration. Apply compound to applied face stop in sufficient quantity to assure squeeze-out. Apply and fix stop trimming off excess compound to bevel away from glass.

### NOTE:

- Never use glazing compounds containing linseed or vegetable oils. Never use putty.
- Do not nip corners or grind edges.
- Many glazing compounds, including some Butyl types contain linseed or other oils. Compounds of this type are not compatible with sealants used for insulating glass units and should not be used in glazing systems. Failure to adhere to the foregoing could result in breakage or failure of the glass unit and void INSULITE, INC. LIMITED WARRANTY.



	3/8"-1" Units 3/32" & 1/8" Glass		5/8"-1" Units 3/16" Glass		3/4"-1" Units 1/4" Glass	
	Under 80"	Under 80"	Over 80"	Under 80"	Over 80"	
<b>A</b> Edge Clearance	1/8"	1/4"	1/4"	1/4"	1/4"	
<b>B</b> Metal Edge Depth**	7/16"	7/16"	7/16"	7/16"	7/16"	
<b>C</b> Rabbet Depth	5/8"	3/4"	3/4"	3/4"	3/4"	

\*In united inches (width plus height)    \*\* ± 1/16