



PATTERNED or TEXTURED GLASS in IGU's

- The longevity of an IGU and its ability to be covered by the manufacturer's 10 year warranty is dependant on the integrity of the seal.

The secondary seal on an IGU is normally a wet applied sealant that can accommodate variations in surface flatness. The primary PIB or tape based sealants normally used in NZ manufacture have less ability to cope with these variations.

Therefore care must be exercised when specifying IGU units incorporating textured or patterned glass.

Testing undertaken at BRANZ indicates that there is no major cause for concern when using the commonly available patterned glass types listed below, with the textured surface inside the unit. (surface 2 or 3)

- Spotswood/Stippolyte
- Mistlite/Satinlite

It is the IGUMA's recommendation that patterned or textured glass other than the types listed above, is not used where the textured surface is inside the unit. Other glass types with heavier surface indentations or modified surfaces which may affect adhesion may still be used for manufacturing IGU's with these surfaces to the outside (surface 1 or 4).

Care must be taken that pattern "push through" on heavily indented glass patterns does not materially affect the surface flatness of the glass, compromising the seal integrity.

Please consult your IGUMA supplier for clarification of their warranty on any patterned glass types outside of the above list.

