



## Frost Point Tests of Insulated Glass

are used to predict the remaining service life.

Insulated glass units typically consist of two lites of glass with a sealed airspace in-between.

When the seal between the glass fails, the result is often fogging,

dirt and debris inside the glass unit, obstructing and distorting vision through the glass. GCI can check insulated glass seal performance, document whether the glass unit is sound, and predict whether it will eventually fog. This is done with a frost point test of the insulated glass unit. The test is conducted with special equipment that uses dry ice to lower the temperature inside the sealed airspace to freezing or below. If any frost forms, the seal has failed. This test is frequently used in construction with warranty claims or for planning future repairs and renovations.

