

## **AGM Glass Fabrication Inc.**

### **Reference: Dow Corning® 982 FS Silicone Insulating Glass Sealant Compatibility**

Dow Silicones is a leading manufacturer of silicone sealants used in Insulating Glass manufacturing.

As a service to our customers, Dow will provide compatibility testing to verify the impact of contact between Insulating Glass Unit components and Dow's secondary sealant.

To understand the significance of compatibility between Dow secondary sealants used in the manufacture of Insulating Glass units and other sealants and components it is first important to define the level of contact that the DOWSIL sealant is expected to experience with the other sealants and components.

Full Contact – The sealant or component is expected to be in direct contact with the DOWSIL secondary sealant throughout the life of the installation.

Incidental Contact – Because of issues such as product squeeze out or the slight shifting of components, the sealant or component may contact some small area of the Dow secondary sealant during the life of the installation

The following materials are approved for full or incidental contact with DOWSIL™ 982 Silicone Insulating Glass Sealant. Other products may be submitted to the Dow Americas Testing Laboratory for compatibility testing and evaluation:

Dow neutral cure silicones including 983, 995, 795, 791, 790, 756, CWS, CCS, 1199

Other neutral cure 100% silicones by SIKA, Momentive, Tremco (Spec 2, Tremsil 600, Trem glaze 500) and Adfast, including 100% silicone setting blocks and glazing gaskets

The DOWSIL™ 982 FS Silicone Insulating Glass Sealant in black is generally compatible with the following materials. These materials typically only have incidental contact with the secondary sealant. Specific project compatibility testing advised with non-silicone materials.

Tremco Polyshim II tape

Polyurethane sealants or Butyl sealant at termination points

Neoprene Gaskets

Silicone compatible rubbers

EPDM gaskets

