



## Dow Corning® 982 Insulating Glass Sealant

### \*\*\* Improved Formulation\*\*\*

- **Improved Productivity**
- **Meets ASTM Standard**

The improved Dow Corning® 982 Silicone Insulating Glass Sealant has a higher extrusion rate allowing you to achieve higher productivity in your factory.

Dow Corning® 982 Silicone Insulating Glass Sealant is now being produced in Asia, allowing more consistent supply and improved lead times. The product quality and consistency are guaranteed.

Dow Corning® 982 still has the similar fast cure rate and excellent adhesion development to substrates including clear, tinted, coated glass and mill finished aluminium spacer.

### Some Important Changes

Mix ratio is now between 8:1 and 10:1 by volume or 13:1 by weight. This may require the pump mix ratio to be adjusted in some cases. Pumps now set to deliver mix between 13:1 and 14:1 by weight, should be adjusted to about 12:1 by weight for optimum cure properties.

The curing agent has a paste consistency which is stable and easier to mix with the base.

Snap time is a little longer, at about 40-50 minutes and when mixed at 12:1 by weight, but it cures deep in section within 4 hours and generally achieves full adhesion within 24 hours. Note that time to full cure depends on the joint design, substrate type, temperature and humidity. Snap time is also dependent on temperature and humidity but longer snap time means there is less chance of the mixed sealant in the gun making it more user-friendly.

New Dow Corning® 982 Silicone Insulating Glass Sealant base and curing agent should not be mixed with the existing base and curing agent.

<b>Property</b>	<b>DC 982 – CURRENT Dow Corning® 982 Silicone Insulating Glass Sealant</b>	<b>DC 982- New Improved Dow Corning® 982 Silicone Insulating Glass Sealant</b>
Base	White Paste	White Paste
Curing Agent	Black Pourable liquid	Black paste
Mix ratio(By volume)	9:1 – 10.5:1	8:1 – 10:1
Mix ratio(by weight)	12:1 – 14:1	10:1 – 13:1
Snap time	30 – 40 minutes*	40 – 50 minutes*

*\*Snap time when mixed at 12:1 by weight at 25 C and 50% RH. Snap time will vary with changes in mix ratio, temperature and humidity, but Dow Corning® 982 Silicone Insulating Glass Sealant Insulating Glass Sealant has a longer snap time when mixed at the same mix ratio as Dow Corning® 982 Silicone Insulating Glass Sealant Insulating Glass Sealant*