

Dow Performance Silicones

DOWSIL™ 776 InstantFix WB for Window Bonding



Instant strength silicone for high performance window and door assembly



DOWSIL™ 776 InstantFix WB is a one-part silicone sealant specifically designed for window and door bonding. It provides instant tack directly after application, enhancing the production process with limited waste.

DOWSIL™ 776 InstantFix WB exhibits primerless adhesion to a variety of substrates typically used for window and door applications. It is suitable for both manual and automated processes and provides excellent long-term performance.

Features

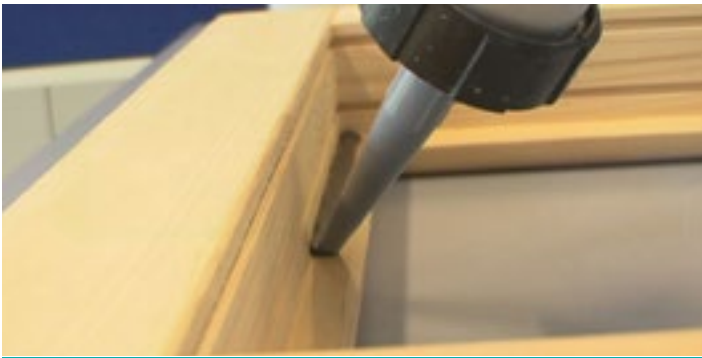
- Easy to use, low odor, one-part neutral silicone
- Minimal wastage once applied
- Provides immediate high tack
- UV and weather resistant providing good long-term durability
- Primerless adhesion to a wide range of substrates including PVC, glass, aluminum, polycarbonate and coated wood

- Suitable for automated assembly applications
- Stable over a wide temperature range -50°C to +150°C
- Available in black and white, in 310 ml cartridges, 600 ml sausages, 20 L pails and 250 kg drums

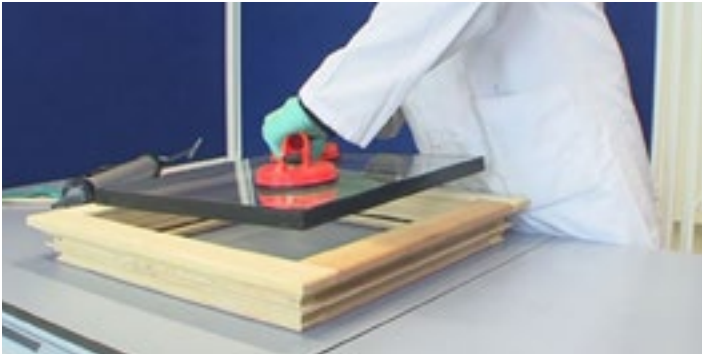
Window and door bonding provides a range of benefits allowing more design flexibility, which includes reducing the width of the frame by transferring rigidity from the glass to the frame, thereby maximizing the vision area and forming larger windows or glazed elements.

Silicone bonding with DOWSIL™ 776 InstantFix WB can be a cost effective solution for producing windows as:

1. It is a one component product and does not need mixing or purging.
2. It can be applied with a simple pump or by air gun.
3. It can enable the windows or doors to be moved through the production process quickly.



Application of DOWSIL™ 776 InstantFix WB

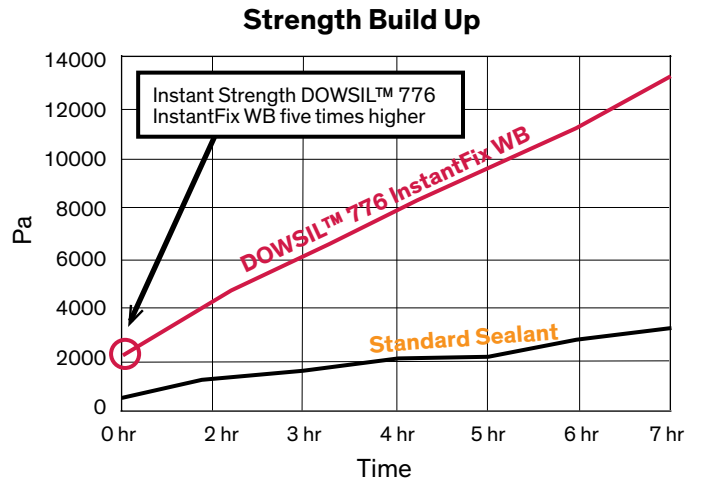


Insulating glass unit positioned in the frame



Instant tack enables windows to be moved more quickly after sealant application

The following graph illustrates the strength build-up of DOWSIL™ 776 InstantFix WB over a period of seven hours.



For more information on window bonding solutions, please visit: consumer.dow.com/windowbonding.

Contact Us

With more than 50 years of construction industry experience, Dow High Performance Building Solutions has developed a wide range of proven materials for structural and protective glazing, weatherproofing, insulating glass, window and door fabrication, high efficiency insulation and building materials protection.

Dow has sales offices, manufacturing sites and science and technology laboratories around the globe. Find local contact information at consumer.dow.com/contactus.

Images: dow_40458040502, dow_40458394160, dow_40458393665, dow_40458392850

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