

# DOWSIL™ 994 Ultra-Fast Bonding Sealant

## Next generation silicone for increased productivity

DOWSIL™ 994 Ultra-Fast Bonding Sealant is a two component high strength silicone. Its ultra-fast curing properties can enable significant improvement in the speed of productivity, particularly in continuous production processing, automated fabrications, and specific bonding designs.

With European approval for structural glazing, it has excellent adhesion to glass, metal and a variety of different substrates including plastics. DOWSIL™ 994 Sealant is beneficial for use in solar thermal bonding, internal partition wall bonding and window bonding, where a strong glass-to-metal or glass-to-plastic connection and a fast process with short cycle times is required.

Strong chemical adhesion is built in less than 1 hour to glass and depending on the mixing ratio, cure speed can be significantly faster when compared to a standard structural glazing and bonding silicone.

DOWSIL™ 994 Sealant is part of a new generation of productivity silicones for commercial buildings and in residential applications.

### Main applications

- Window and door bonding
- Structural glazing<sup>1</sup>
- Solar thermal bonding
- Internal partition wall bonding



### Features & benefits

- Significant productivity improvements
- Shorter cycle times
- Ultra-fast curing system, ideally suited for automated and continuous processing
- Enables the production of more units in less time
- High level of structural capability
- Excellent primerless adhesion to a wide range of substrates
- Produces a strong elastic bond
- Low odor – neutral curing
- Excellent long term durability, UV and high temperature resistance

<sup>1</sup>All structural glazing applications MUST be reviewed by the Dow technical staff. If their recommendations are followed, Dow can issue a project-specific adhesive warranty.

# DOWSIL™

technologies by



## Compliance and reports

- Meets the European standard for structural glazing approval ETAG 002
- European Technical Approval ETA 18/0571 (black color only)

## Colours and sizes

- DOWSIL™ 994 Ultra-Fast Bonding Sealant is available in black with the base material supplied in 250 kg drums and the catalyst in 25 kg pails.

For further information, please refer to the DOWSIL™ 994 Ultra-Fast Bonding Sealant technical datasheet and the DOWSIL™ Structural Glazing Manual.

## Raising application quality standards with Quality Bond™

For added confidence, DOWSIL™ 994 Ultra-Fast Bonding Sealant is available through Dow Quality Bond™ — a program that brings together state-of-the-art products, standards of best practice in quality control, quality assurance and product application with silicone fabricators and applicators. Quality Bond™ members benefit from specialized technical support, including joint calculation assistance, adhesion testing and application training.

## For more information

Learn more about Dow's full range of High Performance Building solutions, including service and support, at **dow.com/construction**.

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



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