

:: UNIFLEX Glas

glass bonding agent

DESCRIPTION

CARSYSTEM Uniflex Glas is a one-component polyurethane glass adhesive of stiff, paste-like consistency that cures on exposure to atmospheric moisture to form a flexible, durable seal.

APPLICATION

This product is used in combination with CARSYSTEM Uniflex Glas Fast- Cleaner and CS Uniflex Glas Fast-Primer for the direct bonding of automotive glass to the vehicle body.

PRODUCT DATA

Chemical basis: Polyurethane

Cure mechanism: Moisture curing

Specific weight: approx. 1.24g/cm³

Tack free time at 23°C and 50% r.h.: approx. 25 min.

Curing at 23°C and 50% r.h.: ≥ 3.0 mm/24h

Hardness Shore A (DIN 53505): approx. 57

Tensile strength (DIN 53504): approx. 12 N/mm²

Elongation at break (DIN 53504): ≥ 700%

Electrical volume resistivity: 10⁷ Ohm cm

Application temperature: +5°C to +40°C

Temperature resistance: -40°C / +100°C with brief points at 140°C



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HANDLING

Substrate:

All adhesion surfaces must be clean, dry, and free of grease and oil.

Pre-treatment: Pre-treat in accordance with our instructions using CS Uniflex Glas Fast-Cleaner and CS Uniflex Glas Fast-Primer.

PRECAUTIONS

Uniflex Glas HM can be stored for 12 months in its original packing at 10° - 25°C in a cool dry place.

The storage temperature should not exceed 25°C for extended periods of time.

Keep away from heat sources.

DRIVE AWAY INFORMATION

- Drive away time: 2 hours (23°C and 50% relative humidity)
- On vehicle glas weight below both driver & passenger airbags
- Approved for a vehicle glas weight below 35kg. Glas weight above 35kg contact technical department

Uniflex Glas HM meets Federal Motor Vehicle Safety Standards and all long term durability requirements according to the full range of Carsystem laboratory and Crash Test Data.

SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising



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out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Security Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.