

# Technical Data Sheet

## Physical Properties

### Base

One-component  
MS Polymer

### Physical state

Thixotropic paste

### Colours:

Black

### Tack-free time:

5 – 15 minutes  
(at 25 °C & 50% R.H.)

### Application temperature:

5 °C to 35 °C

### Service temperature:

-20 °C to 90 °C

### Storage:

Store in a dry and cool place  
with temperature below 30 °C.

### Shelf life:

9 months (cartridge)

### Packaging:

Content	Quantity/ carton
310 mL cartridges	20

## AS-4255

## Primerless Auto Glass Sealant



## Description

A moisture-cured, high modulus MS Polymer sealant formulated for windscreen bonding applications without primer. It has high green strength and excellent resistance against weathering and temperature extremes. It is solvent-free and will not shrink after curing.

## Features

- ♦ Primerless bonding for windscreen repairs
- ♦ Good UV resistance
- ♦ Forms flexible weatherproof seal
- ♦ Fast curing with good green strength

## Applications

Specially formulated for primerless windscreen bonding applications. Suitable for glass bonding in trains and coachwork.

## Technical Data

Curing system	: Moisture curing
Density	: 1.31 g/mL
Tensile Strength (ASTM D412)	: 2.7 N/mm <sup>2</sup>
Shore A hardness (ASTM C661)	: 58
Elongation (ASTM D412)	: 210 %
Lap shear strength (ASTM D1002)	: 2.0 N/mm <sup>2</sup>
Cure depth at 23° C, 50% humidity	: ≥. 3 mm

## APPLICATION

1. Substrate surface must be dry and clean; free of dirt, grease, oil, or standing water.
2. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Do not use Soap or detergent.
3. Cut the tip off and puncture the internal foil seal with the nozzle. Cut the nozzle at 45° angle to desired bead-width and apply the sealant to substrate with cartridge gun.
4. For full mechanical properties, the sealant must be applied at temperature between +5°C and +35°C.
5. The use of Primer on glass is recommended (for porous substrates).
6. Assemble the windscreen with 10 minutes of sealant application.

## Caution

May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility or the unborn child. Harmful to aquatic life with long lasting effects. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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