Safety Glass Standard: AS 2080

12/11/2026

The bonded fixed and sliding van windows sold by Emprise Global are made from automotive safety glass to AS 2080, the Australian Standard for safety glazing in land vehicles.

About the standard

AS 2080:2019 *Safety glazing for land vehicles* is published by Standards Australia. It was released on 03/09/2019 and replaced the earlier edition, AS/NZS 2080:2006.

The standard sets requirements and test methods for flat and curved toughened and laminated safety glass. It covers windscreens and all other vehicle glazing, including side windows, for power driven vehicles and their trailers. It does not cover how glass is installed.

What the standard checks

Glass made to AS 2080 is tested so that it gives the driver a clear view and lowers the risk of injury if it breaks. The 2019 edition reviewed these areas in particular:

- **Light transmission:** enough light passes through for safe visibility.
- **Resistance to radiation:** the glass holds up to sunlight over time.
- **Fracture:** toughened glass breaks into small, blunt pieces rather than large sharp shards.
- **Adhesion:** in laminated glass, the interlayer holds the glass together when broken.

The 2019 edition was also aligned with UN Regulation ECE R43, the international safety glazing rule, so the requirements line up with glass made for overseas markets.

How it links to Australian vehicle law

Safety glazing in Australian vehicles is regulated by Australian Design Rule 8/01 *Safety Glazing Material*. ADR 8/01 requires vehicle glass to meet a recognised safety glazing standard and to carry a permanent mark showing the glass type and the standard it meets, visible once the glass is fitted.

Our windows

Every bonded fixed window and bonded sliding window we sell is made from automotive safety glass manufactured to AS 2080. Our manufacturers supply the glass to this standard, and each window carries the manufacturer's permanent glass mark.

The standard covers the glass itself, not its installation. For a safe, watertight result we recommend fitting by a professional installer using the correct primers and adhesives.

References: Standards Australia, AS 2080:2019 *Safety glazing for land vehicles* (supersedes AS/NZS 2080:2006). Vehicle Standard (Australian Design Rule 8/01 *Safety Glazing Material*) 2005.