

# Safety glass in schools

## What is the issue?

Glass windows, glass doors and glass panels in wooden doors are commonplace in Queensland schools. The busy school environment lends itself to the possibility of human impact with glass and the potential for injury.

The *Australian Standard 1288 Glass in Buildings* introduces new and increased areas of safety glass in locations subject to high risk of human impact.

**This applies for all new glazing, either through new construction or glass replacement and is not retrospective**, however schools should consider the risks of existing glazing.

Glazing suppliers and installers can provide assistance to schools to identify the risks and priorities in accordance with AS1288. The Department has instructed Building and Asset Services (BAS), to comply with this standard for all replacement and new glazing works undertaken in schools.

## What is the hazard?

In schools, injury may result from the glass being pushed on directly, being accidentally bumped or the door/window slamming. In some instances windows and glass panels were punched or hit with an object such as a ball. Other areas of concern include: glass panels mistaken for doorways, glass panels at low levels, glass in buildings where specialised activities (e.g. gymnasiums) are undertaken as well as louvres, mirrors and display cabinets.

## What are the controls?

Schools should refer to the [Building Design Standards for DoE Facilities](#) parts **4.3.7 Windows, Glazing and Sky-lighting** and **4.3.8 Doors**.

Laminated safety glass is to be used in accordance with revised statutory requirements *AS1288 Glass in Buildings* and in all identified risk situations as detailed in the Standard, including the following situations:

- all glass in doors
- glass for stairwells
- all glazing within 5 metres of playgrounds
- for marked play courts, and glazing up to 2 metres from ground level
- up to 1 metre above height of seating located beside windows
- other areas where high likelihood of human impact, including any existing glazing up to 1 metre from ground level.

If broken glass doors or windows in schools are repaired by BAS, laminated safety glass is to be used in accordance with the Design Requirements 5.3.7 and 8. Where broken glass doors or windows are not repaired by BAS, the Principal/Manager is to ensure repairs are completed in accordance the Design Requirements, Building Code of Australia and supporting Australian Standards.

Schools are expected to assess risk of existing glass (particularly in situations outlined above) and develop a replacement strategy if considered necessary. Safety glass should be clearly labelled (school cleaners should be advised not to remove safety glass markings).

## Further Information

Seek advice from your local [Regional Facilities Manager](#).

Contact Regional [Senior Health and Safety Consultants](#) for health and safety enquiries.