



0461 Glazing

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00 Design principles

0.01 Main considerations

It is a requirement to undertake the [00 PLANNING AND DESIGN/0001R - DESIGN REFERENCE](#) and [GLOSSARY OF TERMS](#) information into all aspects of design, detailing and delivery when developing the content here within. Clear demonstration of adherence to these requirements is part of the services and will be called upon at key points in the project and during at the discretion of the Department of Education (DoE).

Refer to [04 ENCLOSURE/0451 WINDOWS AND GLAZED DOORS](#)

Specification

01 General

As per current NATSPEC.

02 Product

As per current NATSPEC except as follows:

2.2 Glass

GUIDE NOTE: Do not use wired glass.

03 Execution

As per current NATSPEC except as follows:

3.2 Installation

Frameless glazing

Requirement: Do not use frameless silicone jointed glazing in external locations.

Glazed shower screens

Requirement: Do not use glazed shower screens.

Low level glazing

Glazing below 1000 FFL is permitted however it must be fixed (not openable), fully framed Grade A safety glass in accordance with the relevant Australian Standards.

04 Selections

As per current NATSPEC except as follows:

4.2 Glazing

Clear float glass

GUIDE NOTE: Use clear laminated safety glass wherever possible. Clear float glass may be used for re-glazing existing windows, subject to compliance with AS 1288.

Clear laminated safety glass

GUIDE NOTE: For general use.

Solar control glass

GUIDE NOTE: Use clear laminated safety glass wherever possible for colour matching and ease of future replacement. Solar control glass may be used in specific areas which are air conditioned, subject to DoE approval. Refer to [00 PLANNING AND DESIGN/0001C DESIGN CHECKLIST - SUSTAINABILITY](#)

Toughened Glass

Should only be used in situations where the use of laminated safety class is not possible.

Glazing plastics

Location: To the following areas:

- Wood Technology Bays
- Metal Technology Bays
- Control Room in Movement Complex

Type: UVP high impact clear polycarbonate.

Thickness: 6mm minimum.

Mirrors

Material: Grade A safety glass, complying with AS 2208, and backed by a reflective vinyl film. Thickness: To AS1288. Minimum thickness 6mm.

Mirror frames: Provide a clear anodised aluminium frame around the perimeter. Vertical joints between mirrors panels are to have splayed edges and a 3mm joint for expansion, filled with clear silicone.