



## Structural

## Structural Glazed Systems™



### Applications

- ◆ Shop fronts
- ◆ Office entrances

### Options

- ◆ Available in clear glass and in a variety of toned finishes
- ◆ Range of hardware options

# Total vision systems for doors and entrances

### Description

Frameless glass doors provide clear, uninterrupted vision into a building making them ideal for shopfronts and office entrances. Viridian **Structural Glazed Systems™** are an ideal choice and can be supplied in clear, grey, bronze, green and blue colour options. Door hardware can be selected from several manufacturers and custom products and finishes are also available. Standard finishes include polished brass, chrome, stainless steel and powder coat colours. The doors are supplied in finished form including all holes and edge work with special cut-outs to accept specified handles, pivots and locks.

### Design considerations

The design can incorporate double doors and sidelights. The maximum sizes are based on the largest available toughened glass for a single sidelight. Doors up to 2400mm in height are suitable for design windloads of 1.0kpa. Higher windloads and door heights may lead to unacceptable deflections. The exposed edges of the door heights are vulnerable to damage and consequent breakage, especially in areas of high traffic with trolleys or shopping carts for example. For additional safety, a Viridian™ toughened laminated product combination should be considered. For more information on these systems, please contact Viridian Technical Services.

