

80MM & 100MM SHOPFRONT

MAIN FEATURES

- For shopfront locations, generally at ground level and in protected situations up to 6 metres in height.
- The glazing pocket lies in a central position in the frame and mullion for the 100mm suite, and in an offset position in the 80mm suite.
- Can incorporate opening sashes from the 40mm Window Series using an inserted sash adapter.
- Compatible with Magnum commercial doors.
- Incorporates individually drained transoms.
- Can accept double glazing.
- Sill tray available.

FRAME TYPES

80mm Single Glazed Typical Option with (08580 / 08585) at head and jambs and (08582 / 08511) at sill with sill flashing (08583), for maximum 10mm single glazing.

80mm Double Glazed Typical Option with (08580 / 08530) at head and (08582 / 08530) at jambs and sill with sill flashing (08583), for 24mm double glazing.

100mm Single Glazed Typical Option with (08500 / 08508) at head and jambs and (08502 / 08511) at sill with sill flashing (08503), for maximum 10mm single glazing.

100mm Double Glazed Typical Option with (08502 / 08530) at head, jambs and sill with sill flashing (08503), for maximum 24mm double glazing.

MULLIONS

80mm Single Glazed two piece (08580 / 08585)

80mm Double Glazed three piece (08582 / 08530 / 08587)

100mm Single Glazed two piece (08500 / 08508)

100mm Double Glazed three piece (08502 / 08530 / 08531)

100mm Facet Mullion two piece (08534 / 08535)

100mm 90° Corner four piece 3 way mullion (90° and 180°) - (08508 / 08515 / 08542)

100mm Split Mullion self mating (08540)

TRANSOMS

80mm Single Glazed two piece (08580 / 08585).

80mm Double Glazed three piece (08582 / 08530 / 08587).

100mm Single Glazed two piece (08500 / 08508).

100mm Single Glazed heavy duty two piece (08501 / 08508).

100mm Double Glazed three piece (08502 / 08530 / 08531).

SASH TYPES

Single or Double Glazed from the 40mm suite using the (08487) sash adaptor.

COMPATIBILITY

Compatible with Magnum commercial doors from FIRSTTM mounted in a range of styles - conventional hinged, floor sprung, with concealed transom closer, manual sliding and automatic.

FLASHINGS

Commercial systems often require project specific flashings dependent on application, cladding type and site exposure. Refer to your FIRSTTM manufacturer for specific installation information.

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CURVING

FIRSTTM has a range of shopfront extrusions that can be curved to suit most requirements.

FINISH / COLOUR

Powder Coated in a wide range of colours.

Anodised silver or bronze as standard, 20 micron thickness. Other colours and thicknesses are available.

GLASS

Single glazing to a maximum 8mm thickness and double glazing to a maximum 24mm thickness, in accordance with NZS 4223: Glazing in Buildings.

The full range of glass types can be included in this product. For further information consult your local FIRSTTM manufacturer.

PERFORMANCE

Commercial window applications often require project specific testing. Consult your FIRSTTM manufacturer for further information and costs.

INSTALLATION

Windows made with the 80mm and 100mm Shopfront Suites are generally pre-assembled in sections at the factory and joined and sealed on site. Glazing is also usually done on site. Shop drawings can be supplied by FIRSTTM manufacturers when specified.

HARDWARE

Door handles can be of the extruded aluminium and tubular types. Designers should consult hardware manuals for further options.

Door closers are available in a range of options including floor springs and hydraulic overhead surface mounted closers for pivot or hinged doors, and transom concealed closers for hinged or pivot doors with centre and offset positions.

Security and emergency exit control systems are available.

A range of automatic electronic sliding door drives are available.

For specific advice on the wide range of hardware options contact your FIRSTTM manufacturer.