Fire & Smoke Containment Systems

DEFENDER FIRE E120 FIXED STEEL FRAMED WINDOW
[-/120/-]

Description
Fixed fire window incorporating the Defender E120 steel window profile and Schott Pyran Platinum.

Applications
Residential complexes, homes, offices, hospitals, schools, carparks, shopping centres, computer rooms, offices & high rise apartments

Features
• Slimline architectural steel framing
• Crystal clear views
• Fully certified to Australian Standards
• For use in multiple wall structures
• Low maintenance
• Durable design

Model
DEFENDER®12000-FW

HOW TO SPECIFY
Fire window shall be Defender Fire Window System comprising proprietary Defender E120 steel window profile system and Schott Pyran. The entire system must be certified as having been tested/assessed to AS1530.4 and installed in accordance with test prototype. Installation must be carried out by an installer registered with and approved by the manufacturer, Australian Fire Control. Phone: 08 9399 6957 Email: sales@australianfirecontrol.com.au

PYRAN® P
> The worlds first and only floated glass ceramic for fire resistant glazing.

UL-certified
> PYRAN® Platinum meets the stringent requirements of the standard hose stream test. This requires that the glass withstand thermal shock immediately following exposure to extremely high temperature. In the test, the hot glass is blasted with cold water at a very high pressure from a fire hose. Only ceramic fire glass can withstand such extremes in temperature.

PYRAN® S
PYRAN® S is a pre-stressed, monolithic, borosilicate single-pane fire-rated safety glass. PYRAN® S as a single pane safety glass meets all requirements for improved safety. In the event of breakage, it displays a typical toughened glass breakage i.e. into small fragments and meets the requirements of statutory accident insurance as well as the Health and Safety at Work Act, thus providing an added plus in terms of safety and reliability

Pyran P Maximum Single Module Glass Size: 1970H x 1116W
Thickness: 5 mm

Pyran S Maximum Single Module Glass Size: 2520H x 1878W
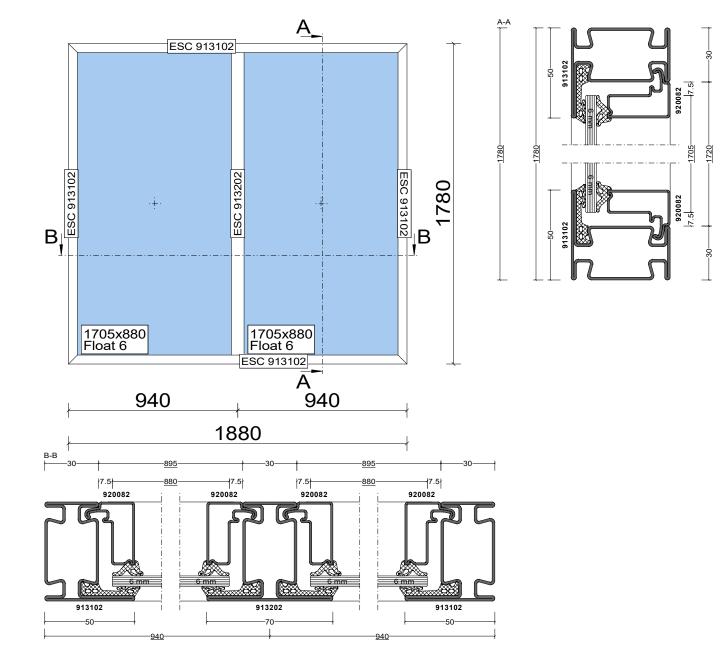**Thicknesses:** 6, 8, 10 & 12mm

Maintenance & Care
To maintain the aesthetics, it is important to keep the panel clean. A soft, clean, non-abrasive cloth and a mild soap, detergent, or non-abrasive window cleaning solution is suitable for cleaning. After cleaning, rinse immediately with clean water and remove any excess water from the panel surface. Also, do not allow any metal or sharp components of the cleaning equipment to come in contact with the panel surface. Confirm i) that glazing beads are adequately fixed and seals have not degenerated ii) body of frame remains anchored to the wall and allows no movement iii) there is no evidence of oxidation to any metal components & iv) Inspect glass for fractures.

Phone: 1300 226 820
Email: Sales@AustralianFireControl.com.au
Perth: 17 Williams Road Kelmscott Western Australia 6111
Melbourne: Level 3, 480 Collins Street, Melbourne VIC 3000
www.AustralianFireControl.com.au

ESC 913102

ESC 913102

ESC 913202

ESC 913102

A

A-A

B

B

A

913102
50
920082
7.5

920082
7.5
913102
50

1780
1780
1705
1720
30
30

1705x880
Float 6

1705x880
Float 6

ESC 913102

940

940

1880

1780

B-B

30

895

30

895

30

7.5

880

7.5

7.5

880

7.5

920082

920082

920082

920082

6 mm

6 mm

6 mm

6 mm

913102

913202

913102

50

70

50

940

940

1880