

SYSTEM OVERVIEW

STEEL FRAMED DEFENDER FIRE WINDOW EW60 [-/60/-]

Description

Fire window incorporating the RP Technik 55N profile and Defender EW safety glass.

Applications

Residential complexes, homes, offices, hospitals, schools, car parks, shopping centers, computer rooms, offices & high rise apartments

How to Specify

Fire window shall be Defender Fire Window System comprising proprietary RP Technik steel 55N frame system and Defender EW safety glass. The entire system must be certified as having been 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.

EW - Radiation Control

The EW Defender Fire Window maintains all the integrity performance of E (resistance to flames and smoke) when exposed to fire on one side, and also provides some heat resistance, keeping the amount of radiant heat transfer to below 15 kW/m² on the unexposed side. Defender Fire Windows are UV stable and can be used for both interior and exterior applications.

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.

**High end integrity fire window
with radiation control**

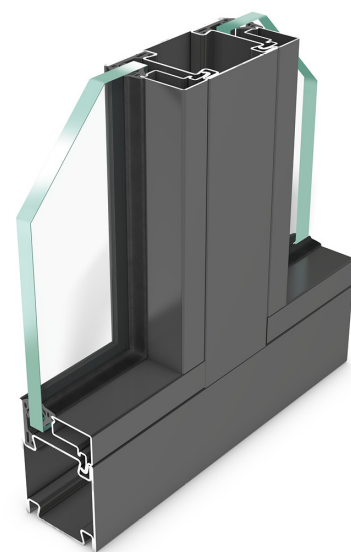
**Offering significant cost saving on insulated
glass systems**

KEY FEATURES

- Architectural steel framing
- Crystal clear views
- Fully certified to Australian Standards
- Low maintenance
- Durable design
- **Framing available in Timber & Aluminum**

GLASS INFORMATION

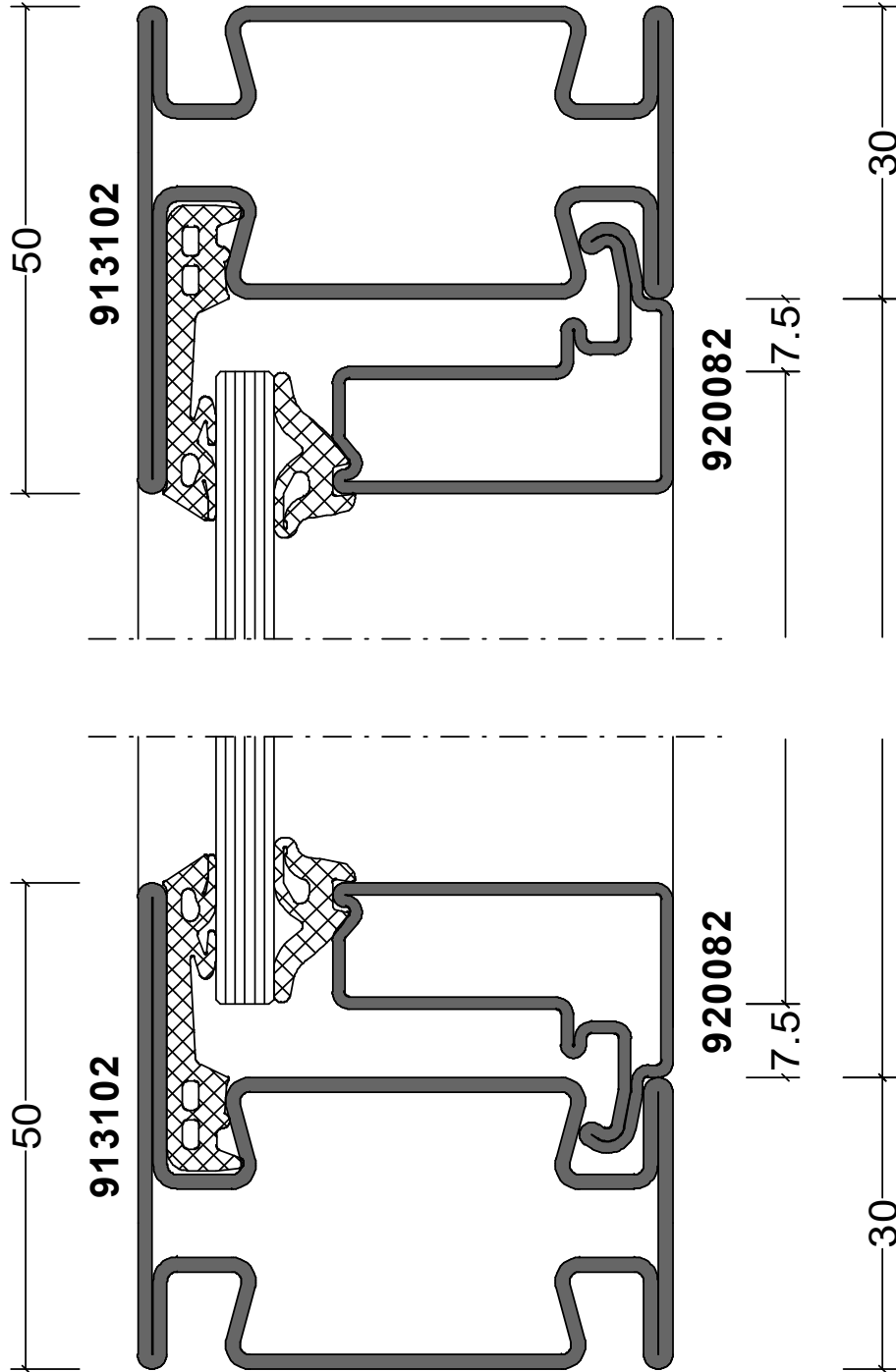
- **STC Rating:** 35db
- **Light Transference:** 85%
- **U Value:** 5.6W/m²K
- **Ambient Temp Range:** -20 / +140°C
- **Weight:** 26.7kg/m²
- **Thickness:** 11mm
- **Impact:** 2B2 to EN12600:2002
- **Maximum Single Module Sizes:**
Glass size: 800h x 2160w mm
Glass size: 960h x 1800w mm
Glass size: 1220h x 1200w mm
- **Maximum Single Module Sizes when the window is made into a DGU: [additional costs apply]**
 2500 high x 1200 wide
 2000 high x 1500 wide





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