



STEEL
WINDOW
ASSOCIATION

FACT SHEET

W50 TB

W50TB - ENERGY EFFICIENT STEEL WINDOWS

With narrow sightlines and a U-value as low as 1.2 W/m²K, the W50 TB steel window is based on highly engineered, thermally broken steel sections designed to closely replicate the character of the traditional W20 steel window.

The design of the thermally broken profile means that W50 TB steel windows are manufactured differently from traditional solid, hot-rolled steel section windows.

SWA members have introduced the W50 TB steel window to extend the range of solutions available to specifiers, especially in the new build sector where outstanding contemporary architecture is required.

Offering all the benefits traditionally associated with steel windows, including slender profiles, large panes of glass, good light transmission and large opening windows, the W50 TB provides incredible versatility.



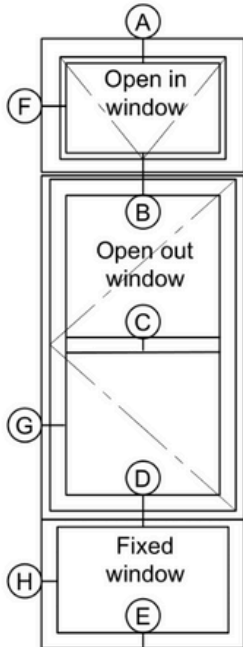


ALL THE BENEFITS OF TRADITIONAL STEEL WINDOWS

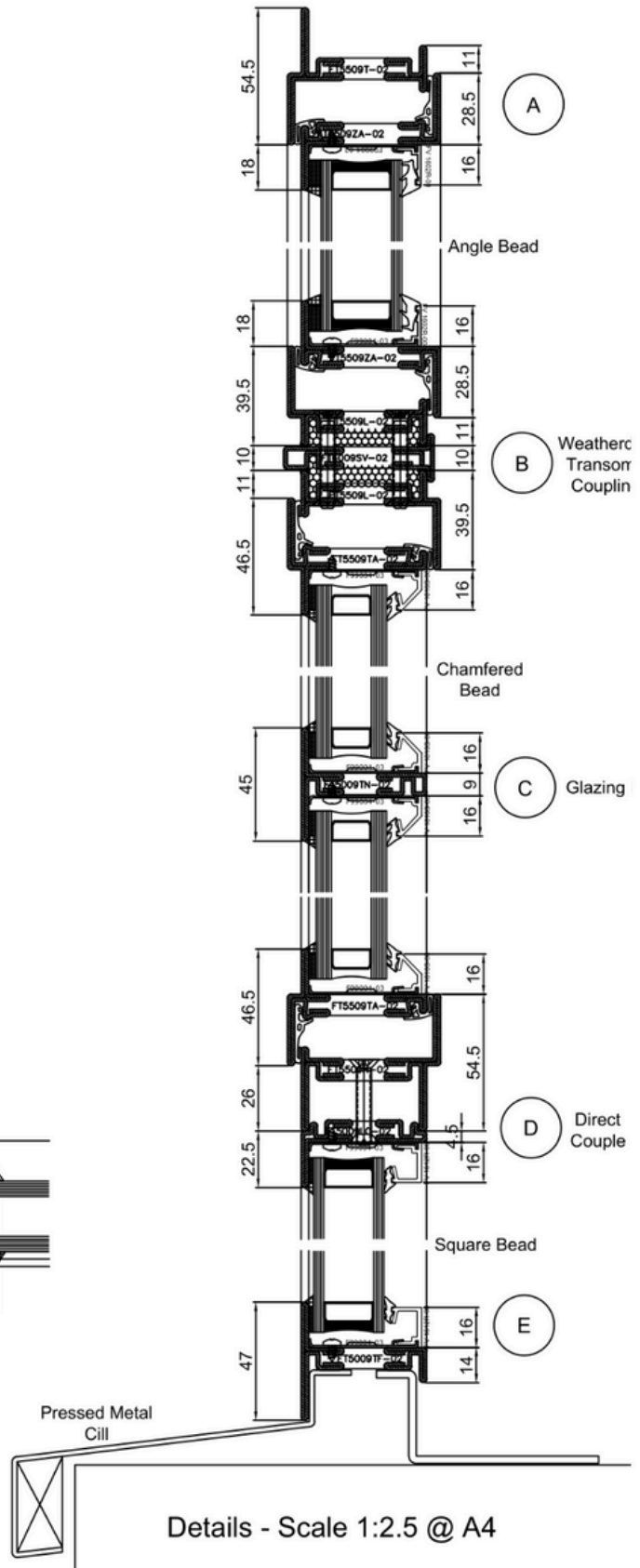
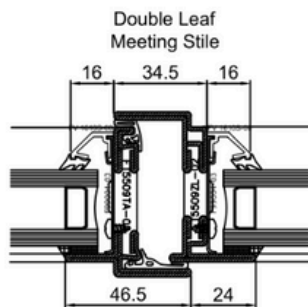
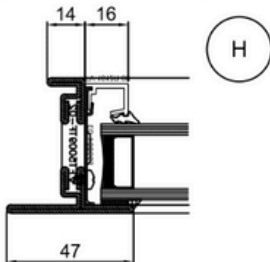
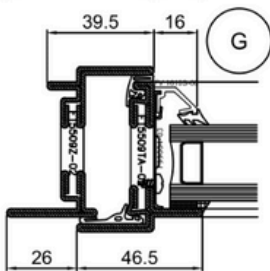
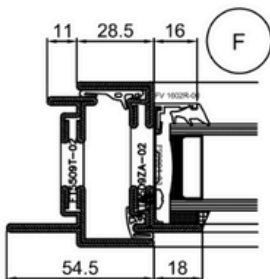
- Slender profiles, large panes of glass and good light transmission
- Large opening windows
- Ideal for outstanding contemporary architecture



W50TB

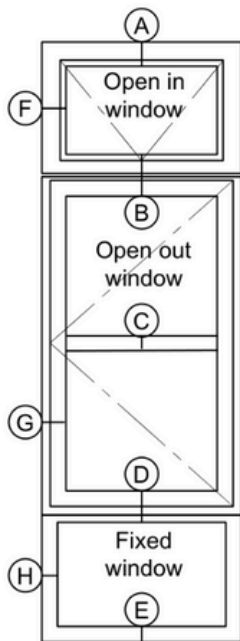


Scale 1:20 @ A4

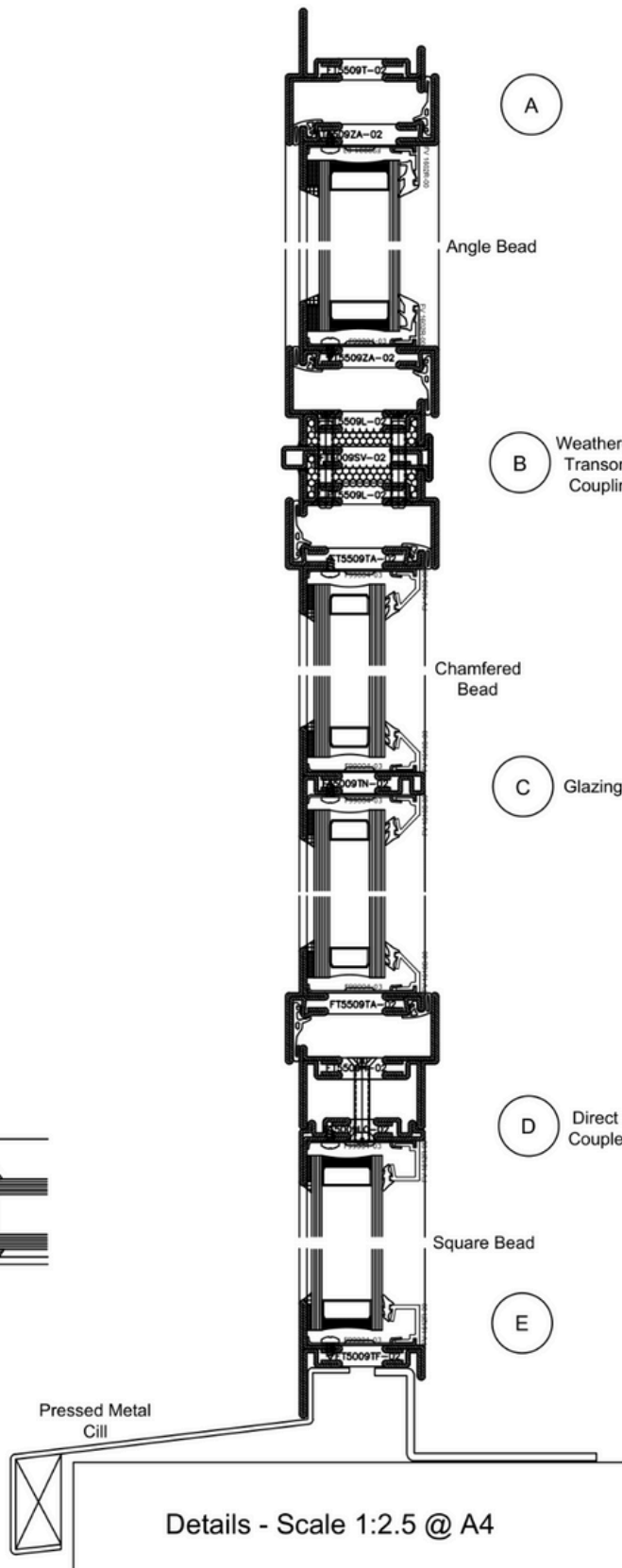
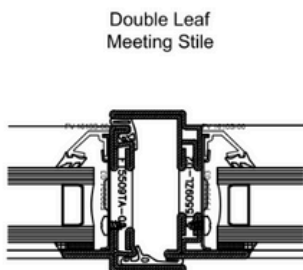
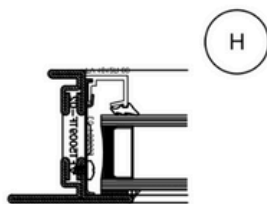
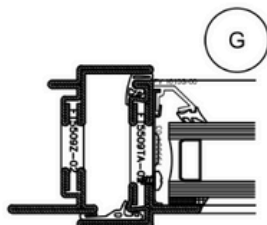
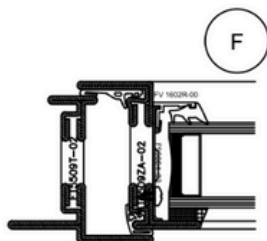


Details - Scale 1:2.5 @ A4

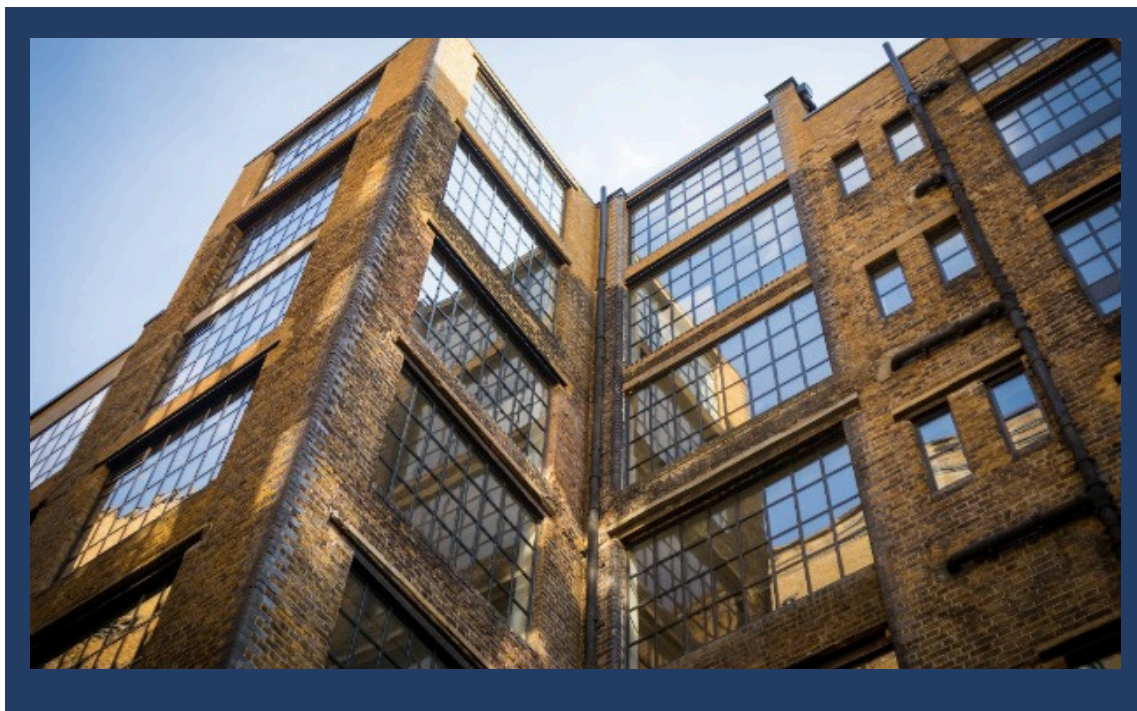
W50TB



Scale 1:20 @ A4



Details - Scale 1:2.5 @ A4



The Steel Window Association represents the great majority of UK steel window manufacturers, ranging in size from the smallest of craft-based companies that specialise in replacement and repair work, particularly on windows for Heritage buildings, through to large, multi-site companies that manufacture and install windows in literally every type of building. There is not a single steel window project of any description, anywhere in the UK, that one of the SWA members cannot handle.

All windows produced by SWA members in hot rolled steel sections to BS.6510 are protected by the hot dip galvanizing process in accordance with BS EN ISO 1461. Cold formed steel section windows are also available, and all steel section windows can be supplied with a decorative finish available in a range of colours. This process, in which polyester powder is electrostatically applied then heat fused under factory-controlled conditions to BS EN 13438, gives a high quality, attractive and durable finish with a life expectancy of at least 15 years.

The Steel Window Association supports its member companies with a wide-ranging service relating to product development, market research and promotion and the SWA helps ensure that each member operates to the highest industry standards. Every contract undertaken has the personal attention of senior management and SWA member companies operate established and flexible services in window design, manufacture, installation and repair and refurbishment.

