



STEEL SPECIFICATIONS

THERMALLY BROKEN | HEAVY DUTY

1. Precision cold formed steel profiles of 1,5 mm thickness
2. Profiles have identical sight lines and proportions of the traditional profile.
3. Classic “stepped leg” design
4. Mechanically fixed rebate gaskets
5. Accommodates double and triple glazing up to 37 mm
6. High density cast in polyurethane isolator
7. Choice of different glazing beads
8. Compatible with 16 mm friction hinges
9. Fixed glazing, side-hung and bottom-hung windows opening inwards and outwards, top-hung, vertical and horizontal pivoting windows, window and doors opening inwards and outwards.

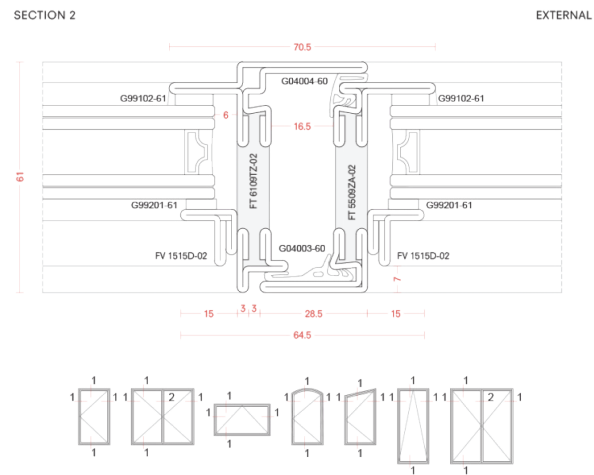
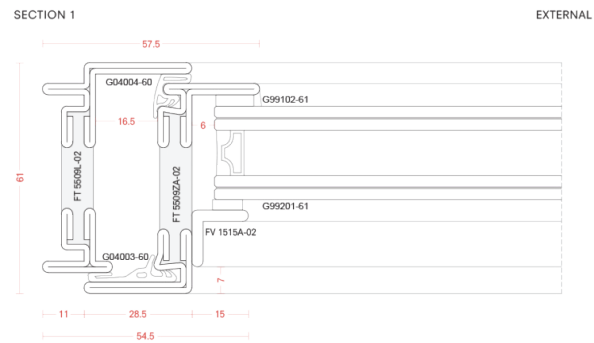


With the thermal barrier system, W+ carries on the window heritage in its most authentic form, proposing the same forms, proportions and overlapping effects of the original 20th Century hot rolled steel window profiles, refined by cold rolling technology. The innovative high-density polyurethane isolator used as thermal barrier, together with the possibility of housing low emissivity glass up to 37 mm, allow to fully respond to current regulations and contemporary needs for comfort, also in harsher weather conditions, where windows made from solid steel profiles may not be sufficient. The range is completed by a wide range of exclusive fittings in several finishes, reproduced from original designs of the modern era. Many kinds of inward or outward openings are possible.

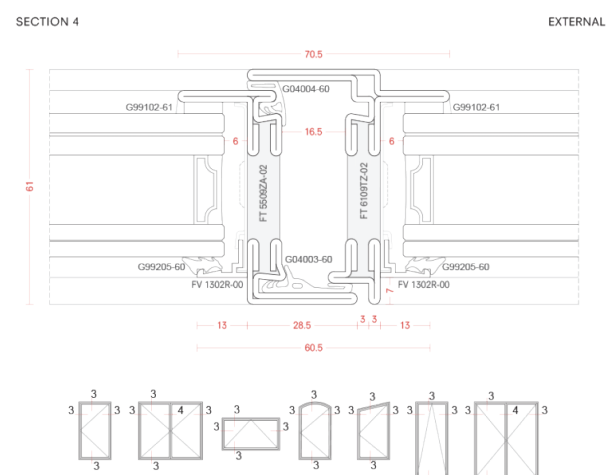
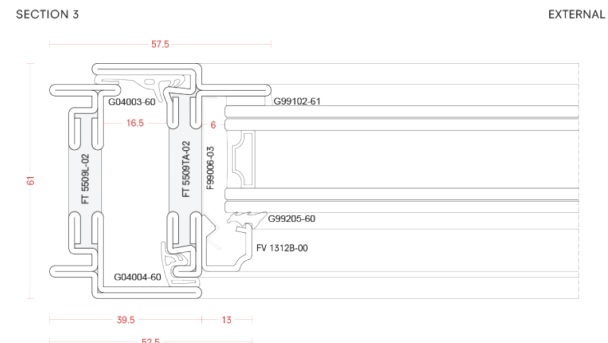


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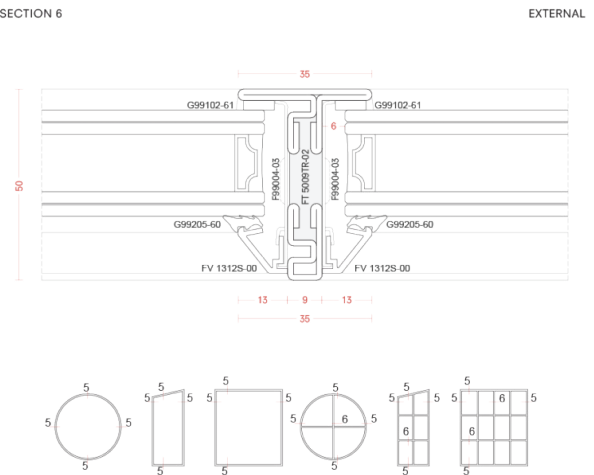
examples | open in



examples | open out



examples | fixed



TRADITIONAL | MEDIUM DUTY

1. Solid hot rolled steel profiles
2. Classic “Stepped leg” design
3. Material thickness up to 5 mm
4. Self-adhesive non-shrinking gaskets
5. Accommodates low emissivity double-glazing up to 27 mm
6. Choice of different glazing beads
7. Compatible with tilt and turn fittings
8. Fixed glazing, side-hung and bottom-hung windows opening inwards and outwards, top-hung, vertical and horizontal pivoting windows, window and doors opening inwards and outwards.

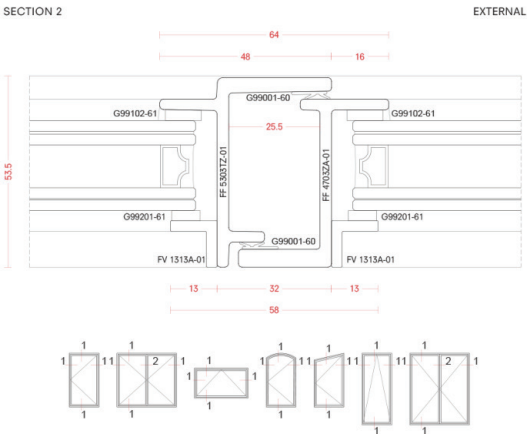
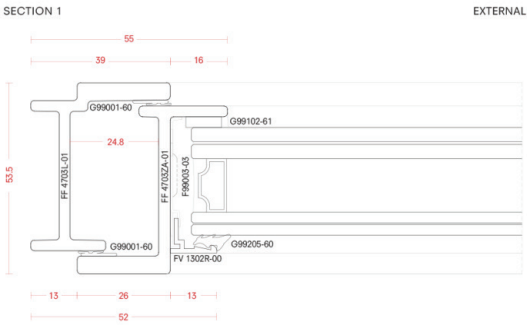


The traditional profile range is an evolution of the famous traditional-slim range developed in 1964. Produced for the first time in 1995 it consists of 17 hot rolled profiles and follows the unmistakable classic design of its predecessor. The strong point of this “younger” series is the increased profile depth, which allows accommodating double-glazing up to a thickness of 27mm. The traditional steel suite is not only used in the field of restoration, but it’s also highly acclaimed in contemporary architecture for its elegant and compact sight lines, ensuring safety and comfort thanks to its excellent thermal and acoustic performance. Despite the depth of this system is only of 42 respectively 47 mm, technically it is considered a “heavy duty” range, which allows making tall and expansive windows.

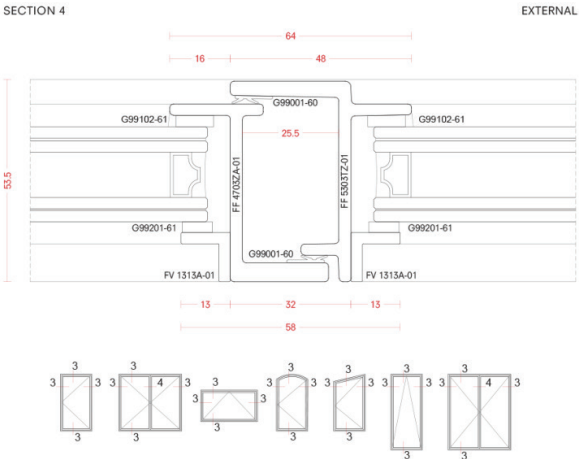
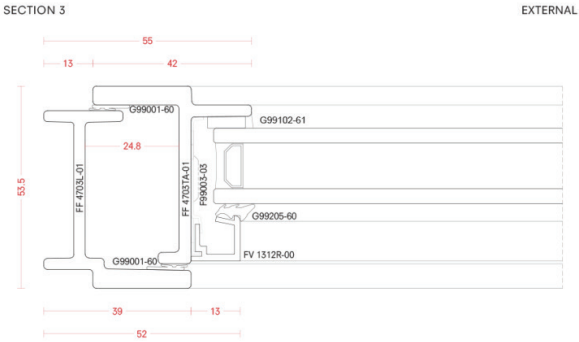


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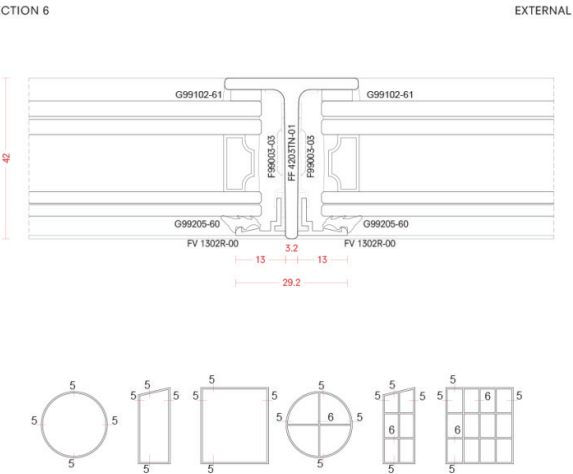
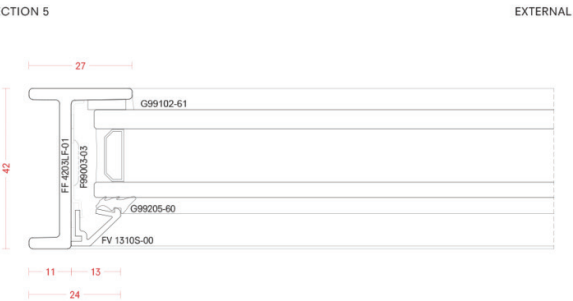
examples | open in



examples | open out



examples | fixed



TRADITIONAL *SLIM* | LIGHT DUTY, *INTERIOR ONLY

1. Solid hot rolled steel profiles
2. Classic “stepped leg” design
3. Material thickness up to 5 mm
4. Self-adhesive non-shrinking gaskets
5. Accommodates low emissivity double-glazing up to 21 mm
6. Choice of different glazing beads
7. Fixed glazing, single-sash and double-sash, side-hung and bottom-hung windows opening inwards and outwards, top-hung, vertical and horizontal pivoting windows, window and doors opening inwards and outwards.



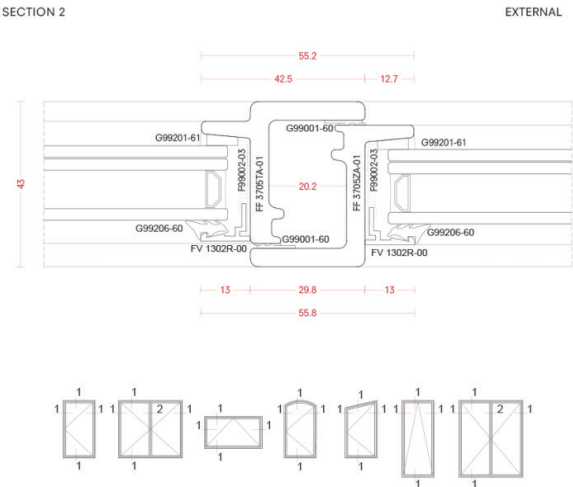
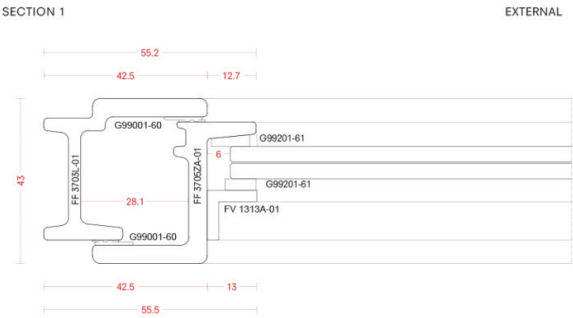
This series has its origins in the “Universal Range”, which was introduced for the first time in 1912 by the British company “The Crittall Manufacturing Co. Ltd.”.

The Universal range consisted of three different ranges of hot rolled profiles, identical in geometry and types, but different in their depth, that classified them into large, medium and small. Depending on the dimensions of the window, the most appropriate series was selected to match the static requirements. These three ranges were able to cover any type of window and opening. In combination with special T-profiles, used as mullions and transoms, for the first time it was also possible to realize curtain walls of any size. The currently available range was revised in 1964. The three separate ranges were condensed into one medium range, which consisted of 20 hot rolled profiles able to cover the functions of modern windows and grant the original design and proportions for those to be replaced in historic buildings. Even today, after more than 100 years, this timeless series is still chosen for a great number of restoration projects worldwide.

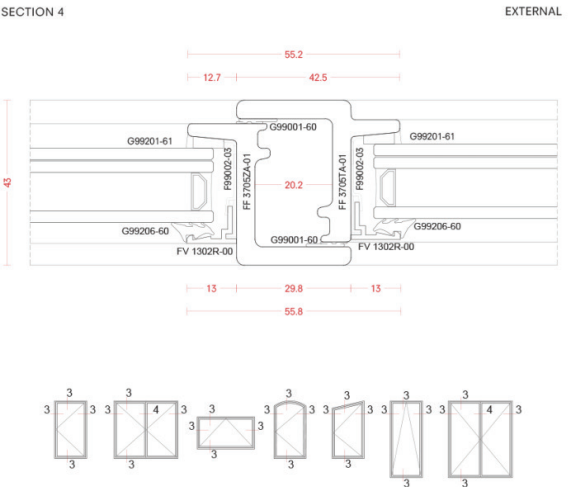
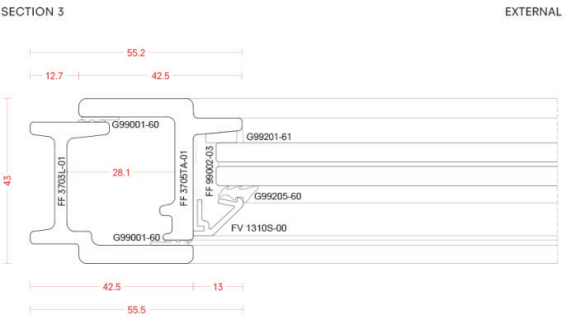


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