

# XT66 'ENERGY' CASEMENT WINDOW SYSTEM

AMS XT66 'Energy' casement window system has been developed to further enhance the performance and energy efficiency of our window suites and comes fully certified to the BM Trada Q mark scheme. The XT66 system is 66mm in depth, can be glazed both internally and externally with 28mm through to 48mm units and is fully compatible and interchangeable with the TS66 window system.

XT66 has been tested to BS6375 Part 1 & 2, security tested to PAS 24:2012 (BS 7950), offers BM Trada 'Q' mark and Secured by design certification. It also boasts a heavy duty, category 3 status (20,000 cycles), for repeated opening and closing.

Achievable energy labels range from a 'B' rating with a double glazed unit to an 'A' rating with a triple glazed unit and window U-values as low as 0.9 W/m<sup>2</sup>K.

Again what AMS is offering our customers is another highly versatile, energy efficient, secure and sustainable window system with excellent performance characteristics ensuring quality and flexibility in design.

**Opening options include:** Top hung, side hung, Parallel opening, tilt and turn.

## Weather Performance:

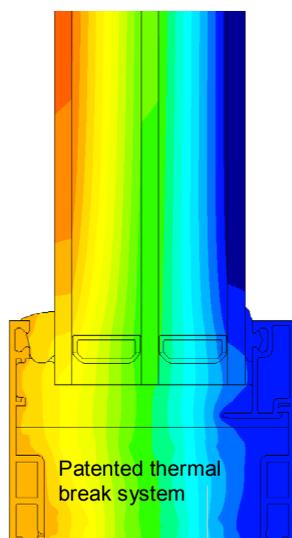
- Tested to BS 6375 - 1: 2009.
- Air Classification – 4: 600 Pa.
- Water Tightness – E1200: 1200 Pa.
- Wind Resistance – EA2400.

## Security:

Tested to PAS 24, Specification for enhanced security performance of windows and doors.

## Operation Performance:

- Tested to BS 6375 - 2: 2009.
- Resistance to racking – Class 3.
- Resistance to static torsion – Class 3..
- Resistance to repeated opening and closing – Class3 (20,000 cycles).
- Operating forces – Class 1.
- BS 6375 – 3 :2009, basic security test – Pass.



Window General Performance



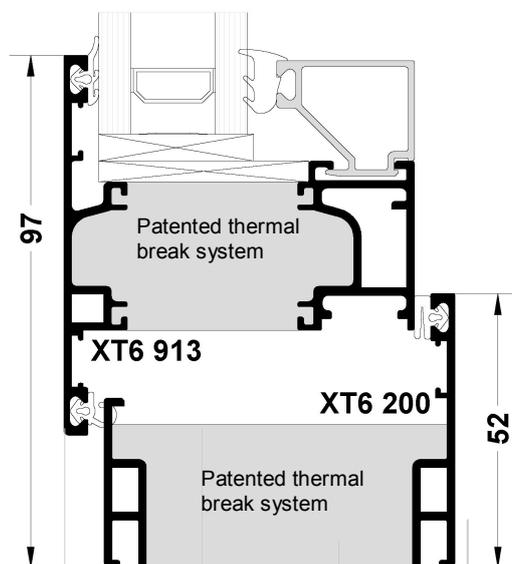
Enhanced Security Window



Secured by Design



Police Preferred Specification



## Thermal Performance:

Window U-values based on 'non dwelling' style window (L2), 1230mm x 1480mm high with full sash. U-value calculated in accordance with BS EN ISO 10077-2:2012. (\* 48mm TGU, U=0.527 W/m<sup>2</sup>K)

Glass U-value	1.00	1.12	1.20	0.621 (44 TGU)
XT6200 - TS6913	1.4	1.46	1.55	0.97*
XT6200 - TS6913 - C.S.	1.33	1.4	1.42	0.91 *



# XT66 'ENERGY' WINDOW SYSTEM

## XT6 202 With XT6 913 (fixed light externally beaded) Scale 1:2

