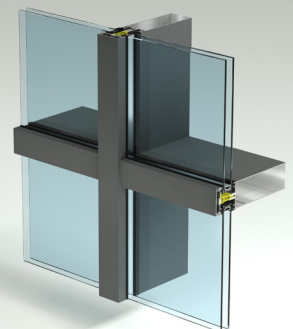




TB50/60





The Facade TB50 curtain wall system is the ideal choice when it comes to any form of facade or atrium roof light. Combining structural strength with aesthetic appearance the thermally broken drained and ventilated Facade TB50 system offers the opportunity to include modern features in a building without compromising on thermal, acoustic or structural properties required to meet the highest standards in construction. One of the many features of the Facade TB50 is the multiple choice of the mullions and transoms allowing the designers achieve large spans whilst maintaining a 50mm sight line. This system has been fully tested to all the relevant ASTM standards.

TB50/60 SYSTEM FEATURES

- Standard mullion depths available from 3-9/16" to 10-13/16"
- Glazing thickness up to 2-1/16"
- 2-1/16" / 2-3/8" external sight line
- Excellent thermal and acoustic properties
- Available in dual colour at no additional cost





- Fully integrated vents available (including Parallel Sashes)
- Variation in aesthetic external cap options available to either plane
- Integrated solar shading systems available
- 30 minute non-structural fire rated system available

| AAMA501-5 sequence | Code | Pressure | | Result | Leakage | | |
|---------------------------------|---------------|----------|------|--------|--------------------|---------------------|----------------------------------|
| | | pa | psf | | L/s*m ² | cfm.ft ² | m ³ /h/m ² |
| Air leakage infiltration | ASTM E 283-04 | 600 | 12.5 | pass | 0.063 | 0.013 | 0.23 |
| Air leakage exfiltration | ASTM E 283-04 | 600 | 12.5 | pass | 0.091 | 0.018 | 0.33 |
| Water penetration | ASTM E 331-00 | 720 | 15 | pass | - | - | - |
| Wind resistance | ASTM E 330-02 | 2400 | 50 | pass | - | - | - |
| Repeat air leakage infiltration | ASTM E 283-04 | 600 | 12.5 | pass | 0.063 | 0.13 | 0.23 |
| Repeat air leakage exfiltration | ASTM E 283-04 | 600 | 12.5 | pass | 0.091 | - | 0.33 |
| Repeat water penetration | ASTM E 501-1 | 720 | 15 | pass | - | - | - |
| Dynamic water aero engine | | | | | | | |
| Wind resistance | ASTM E 330-02 | 3600 | 75 | pass | - | - | - |
| Soft body impact | | | | pass | - | - | - |





FACADE DESIGN INC.