



Customized

Aluminium French Doors
For the local needs



The Company

3i Group, a facade solutions provider for the local market, delivers more than products to our customers.

3i has the know-how on standardisation, systematic and modern fabrication arrangement.

Our door systems are designed, developed, tested, refined and fabricated in our wholly owned factory to ensure performance and quality.

3i Group provides one-stop services and delivers hearts and experiences to our customers.

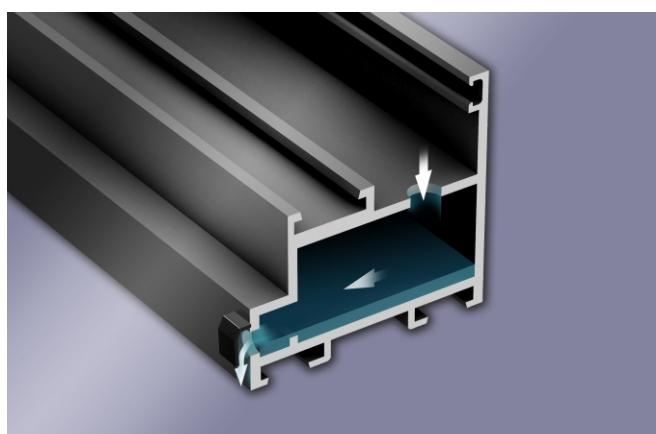
Function and Quality

Down to the finest details



Profile Wall Thickness

Structural wall thickness complies with local requirement.



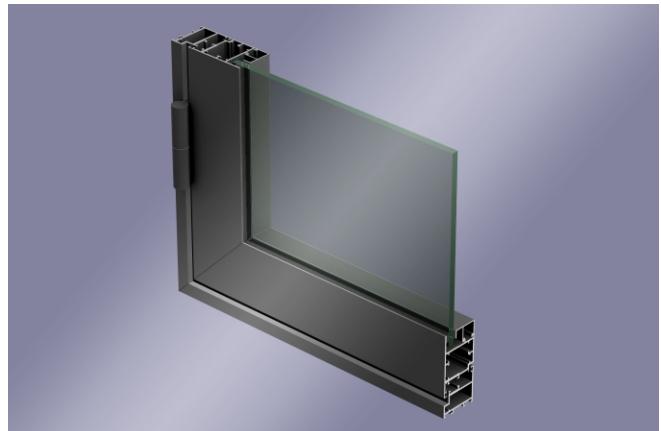
Drainage System

Bottom track design gives efficient water drainage.



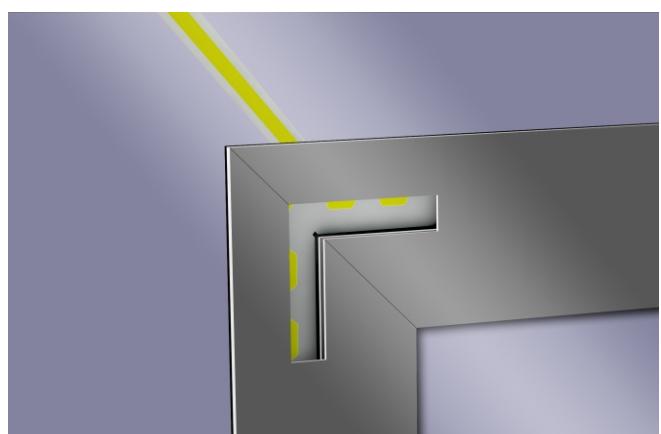
System Selection

Available in single leaf and double leaf design.



Mitre Joint

Mitre Joint design is rigid, good looking while reflects the precise workmanship.



Corner Construction

Sophisticated design at corner joints for highest level of waterproofing Performance.

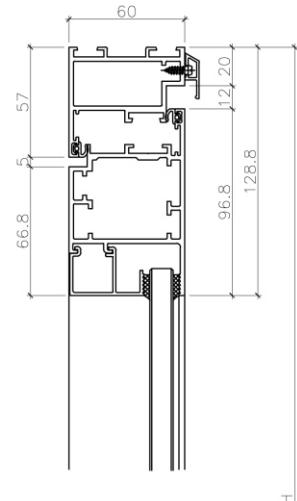
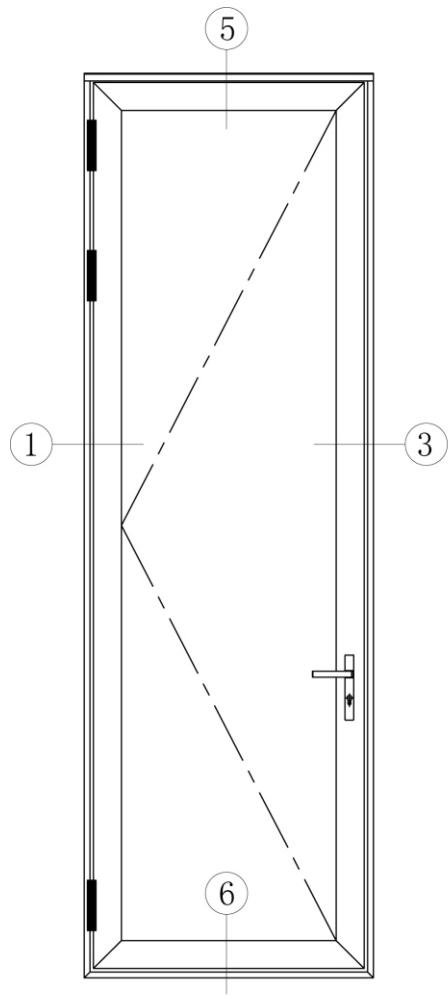


Performance test Criteria

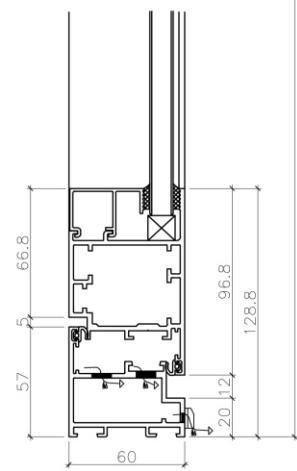
Locally tested for air infiltration, structural adequacy and water tightness.

System Variety

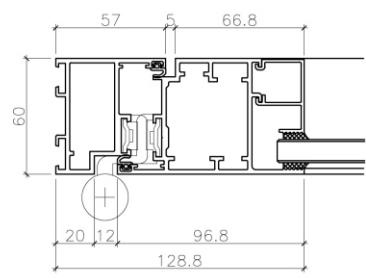
Single Leaf(basic version)



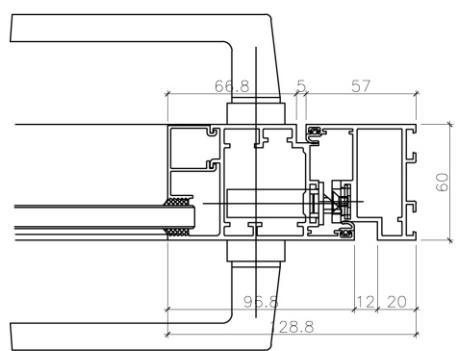
⑤



⑥



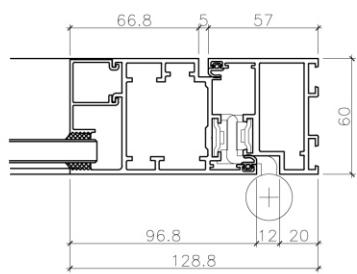
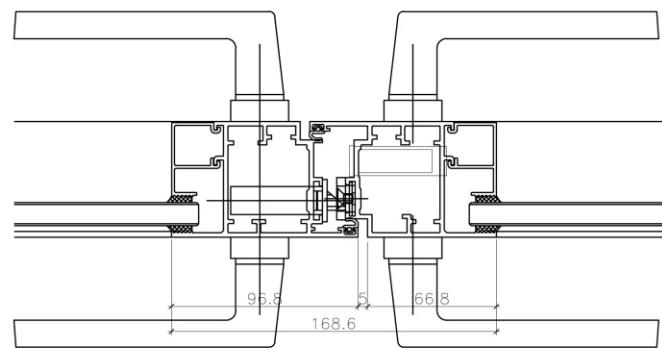
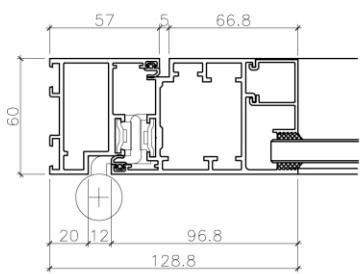
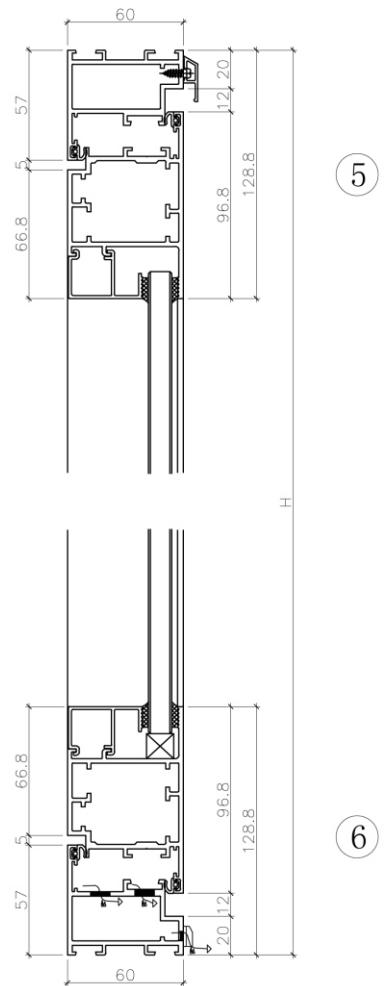
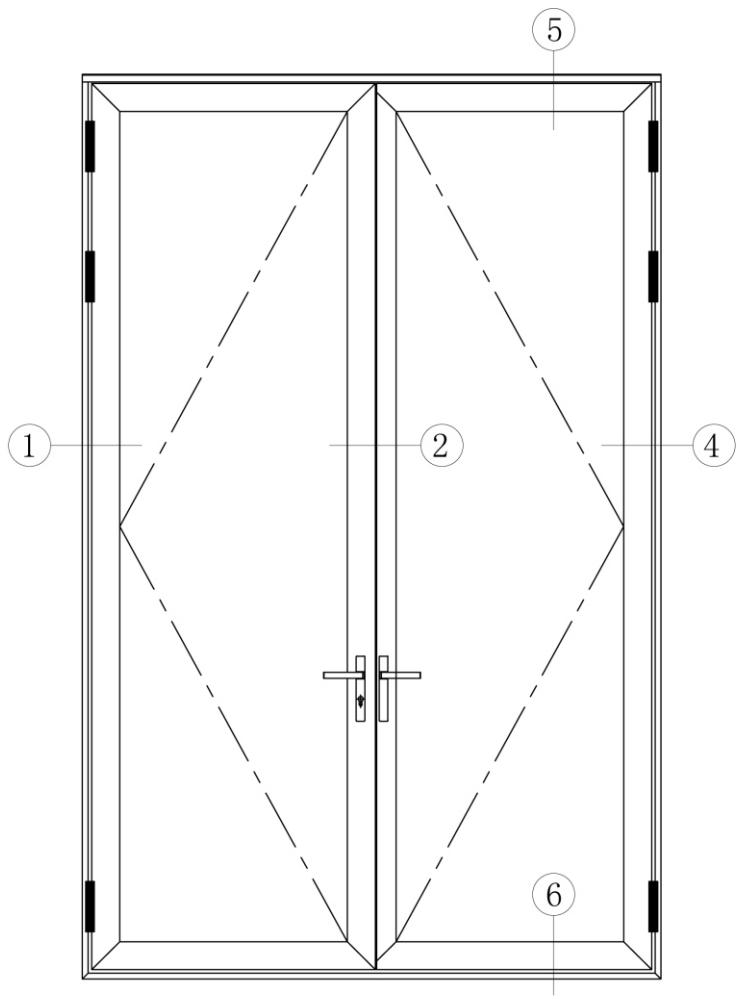
①



③

System Variety

Double Leaf(basic version)



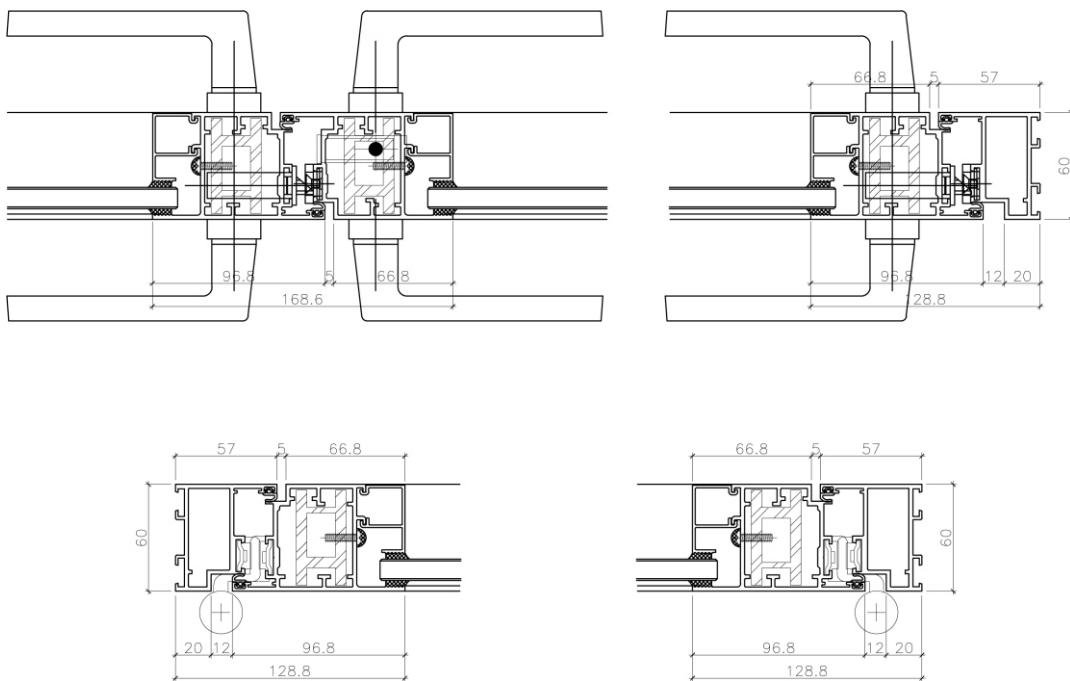
①

②

④

Reinforced Version

Reinforced Details



System Advantage

Single Leaf

- *Maximum panel weight up to 130kg
- *Maximum panel width 1000mm
- *Maximum panel height 2800mm
- *Glazing thickness 8-32mm
- *Matching colour of exposed fitting available

Double Leaf

- *Maximum panel weight up to 130kg
- *Maximum panel width 750mm
- *Maximum panel height 2600mm
- *Glazing thickness 8-32mm
- *Matching colour of exposed fitting available

Performance

Single Leaf

- *Water tightness:
Static at 1.0 KPa
Dynamic at 1.0 KPa
- *Structural Adequacy Test to ASTM E330:
+3.05KPa, -4.27KPa

- *Structural Adequacy Test to BD PNAP APP 37(Cyclic):
+3.05KPa, -4.27KPa
+3.813KPa, -5.338KPa

- *Air Infiltration:
300Pa

Double Leaf

- *Water tightness:
Static at 1.0 KPa
Dynamic at 1.0 KPa
- *Structural Adequacy Test to ASTM E330:
+3.05KPa, -3.05KPa
- *Structural Adequacy Test to BD PNAP APP 37(Cyclic):
+3.05KPa, -3.05KPa
+3.813KPa, -3.813KPa
- *Air Infiltration:
300Pa

Results of performance test.

(Reinforced version in Hong Kong testing laboratory)
Please contact us for more details.



3 Intelligence Hong Kong Limited
Room 1110, 11/F., Block A, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fo Tan, N.T. Hong Kong
Tel: (852) 2116 0815 Fax: (852) 2116 1329
www.3innovation.com.hk info@3innovation.com.hk