



# Customized

Aluminium lift-and-slide door  
For the local needs

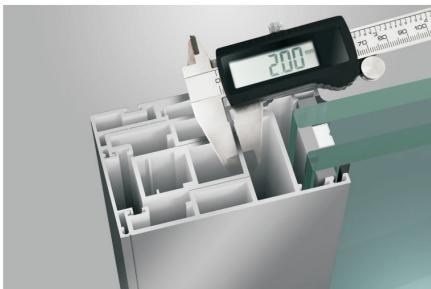


# The Company

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.

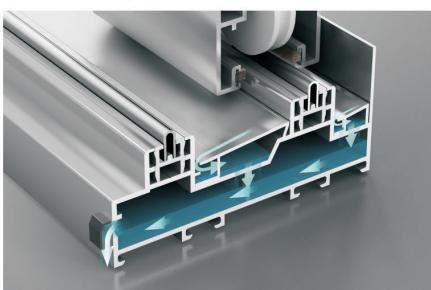
## Function and Quality

Down to the finest details



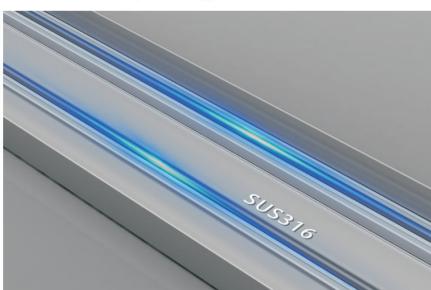
### Profile Wall Thickness

2.0mm minimum structural wall thickness complies with local requirements.



### Drainage System

Bottom track design gives efficient water drainage and leaves no ponding on the track surface.



### Grade 316 Stainless Steel Roller Track

Durable components enable effortless operation as well.



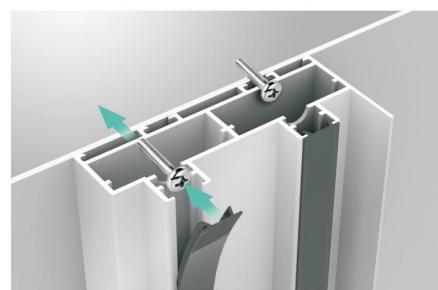
### Gear Damper (Optional Function)

Handle smoothly slides precisely back into its locked position in a controlled way.



### Mitre Joint

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



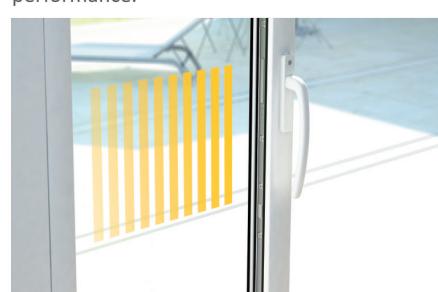
### Concealed Fixing Screws

The system allows fixing screws and holes to be concealed by capping.



### Design for Waterproofing Improvement

Fittings enhance the water tightness performance.

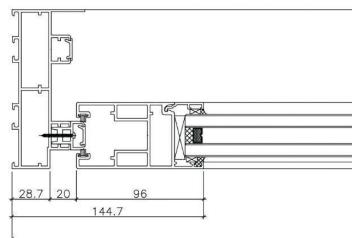
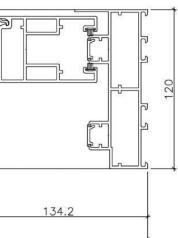
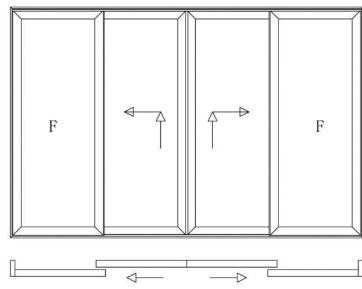
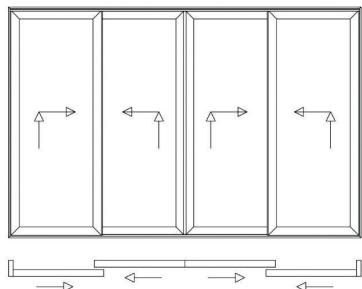
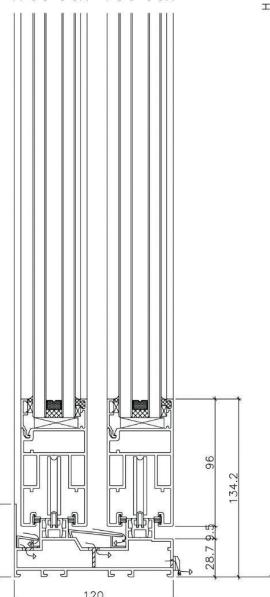
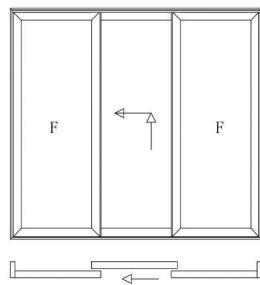
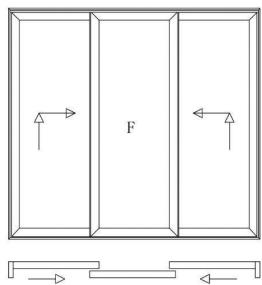
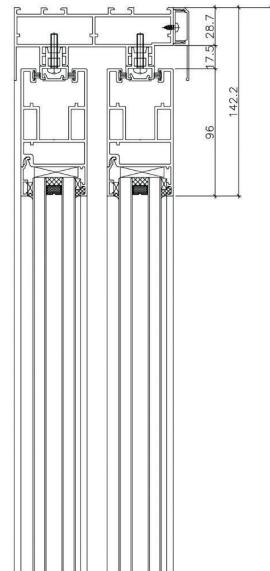
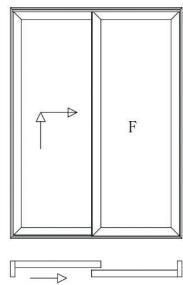
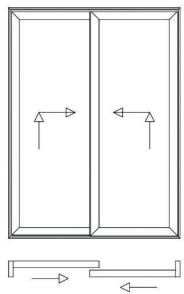


### Comfort Close (Optional Function)

Sash brakes gently and is automatically drawn into closed position safely and comfortably.

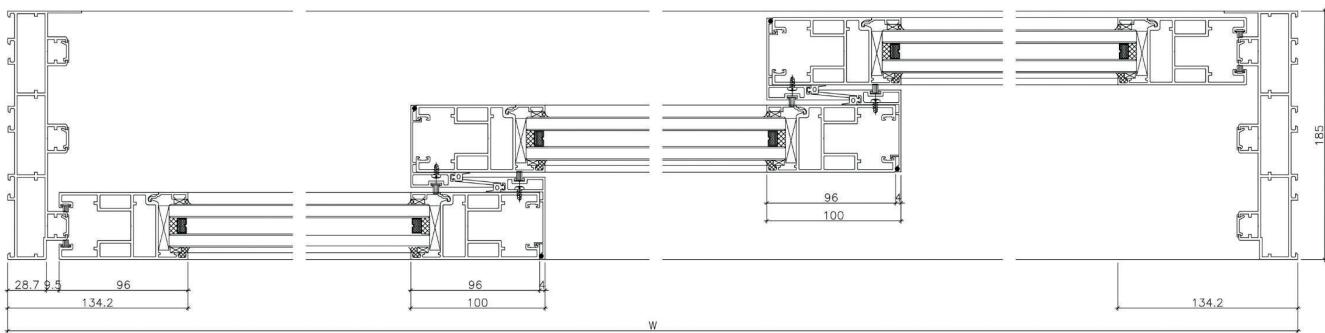
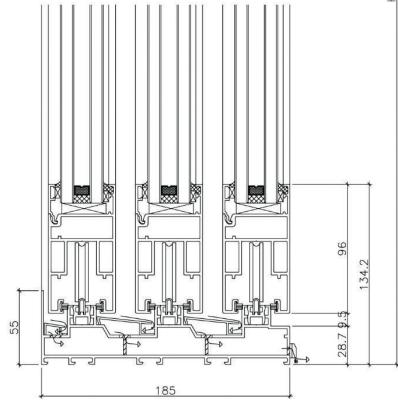
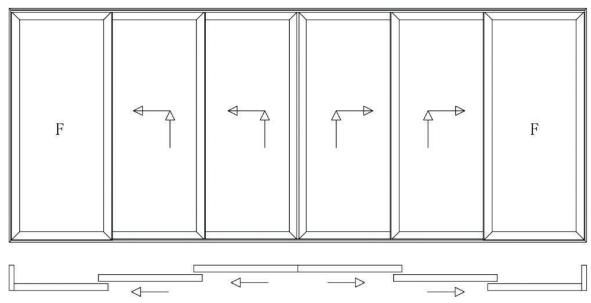
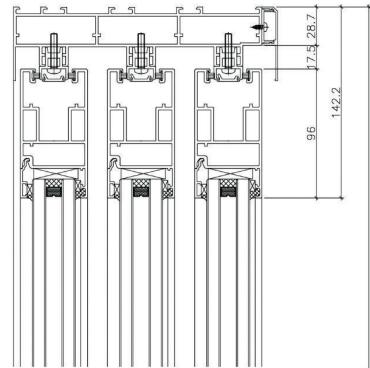
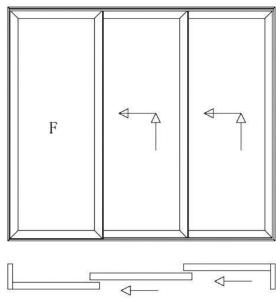
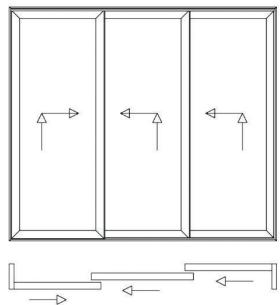
# System Variety

Double track(Basic Version)

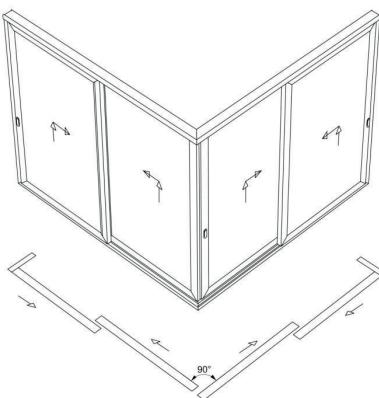
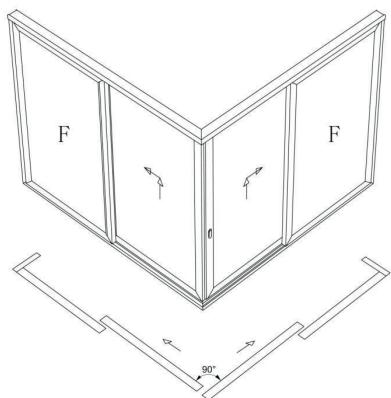


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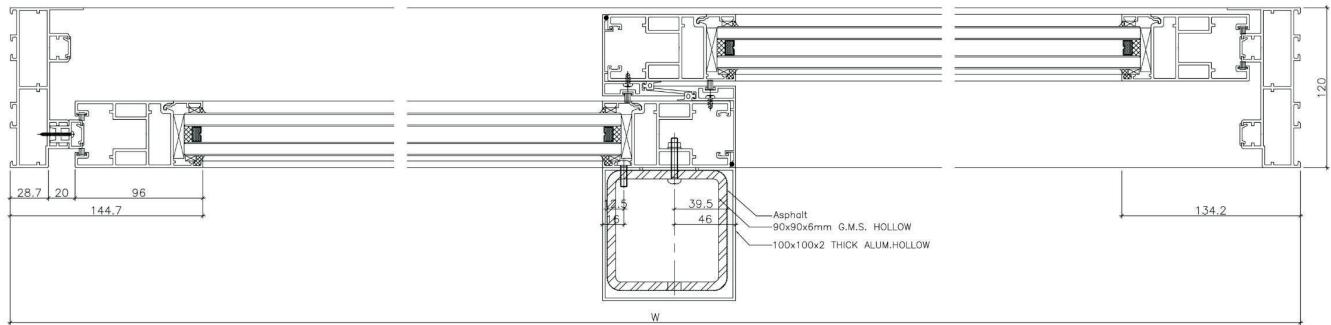
Triple track(Basic Version)



## Corner solutions (Without corner post)



# Reinforced Version



## Reinforced Details

## System Advantage

- \*Maximum panel weight up to 400kg
- \*Maximum panel width 3000 mm
- \*Maximum panel height 3000 mm
- \*Glazing thickness 8-32 mm
- \*Matching colour of exposed fittings possible

## Performance

### \* Water Tightness:

Static at 1.00 KPa  
Dynamic at 0.72 KPa

### \*Structural Adequacy Test to ASTM E330:

+3.50 KPa, -4.00 KPa

### \*Structural Adequacy Test to BD PNAP APP 37 (Cyclic):

+3.50 KPa, -4.00 KPa  
+4.38 KPa, -5.00 KPa

### \*Air Infiltration:

300 Pa

### \*Results of a performance test.

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



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