



# BRITAL

ALUMINIUM SYSTEMS DESIGN



**/Slim Sliding System**



**brital.ae**



Founded in the United Kingdom, Brital brings over 25 years of expertise in comprehensive aluminium systems — from façades to doors and windows. With a strong presence in Dubai and across the globe, our systems combine British quality with global adaptability to meet diverse project requirements





# Slim Sliding Glass Systems in the Middle East

In the Middle East, slim sliding glass systems have become a cornerstone of modern architecture, offering a perfect balance of aesthetics, functionality, and energy efficiency. Their sleek design and expansive views create seamless connections between indoor and outdoor spaces, enhancing the overall experience of any building while maximizing natural light and reducing reliance on artificial lighting.

These systems are also highly durable, designed to withstand the region's harsh climate, making them a practical and sustainable investment. Beyond visual appeal, they improve insulation, contribute to energy efficiency, and enhance property value, establishing themselves as essential solutions for architects, developers, and consultants committed to modern, sustainable design.

## Door Typologies in Architectural Design

In contemporary Middle Eastern architecture, understanding door typologies is essential for achieving both aesthetic expression and functional performance within a building.

Architects and consultants can choose from a variety of solutions — minimal sliding systems that create seamless continuity between indoor and outdoor spaces, fixed panoramic glazing that maximizes visual transparency, or corner and central opening configurations that enhance spatial dynamics and architectural rhythm.

Each typology can be tailored to the design concept, ensuring façades that combine natural light, visual connection, and sleek profiles with the highest standards of thermal insulation, acoustic comfort, and long-term durability.





## Slim Sliding

The TB25 is a slim sliding door designed for maximum light, elegance, and thermal efficiency. Its minimal profiles create almost seamless glazing, making the central sashes nearly invisible. Flexible and modern, TB25 adapts to both standard windows and large openings, offering a stylish and energy-efficient solution for any project.

# Why Choose the **TB25** Slim Sliding?

*DESIGN • COMFORT • SECURITY*



**Ultra-slim profiles  
maximize daylight.**



**Multiple rails,  
corner & central  
openings, concealed  
thresholds.**



**Robust locking  
systems ensure  
strength and  
durability.**



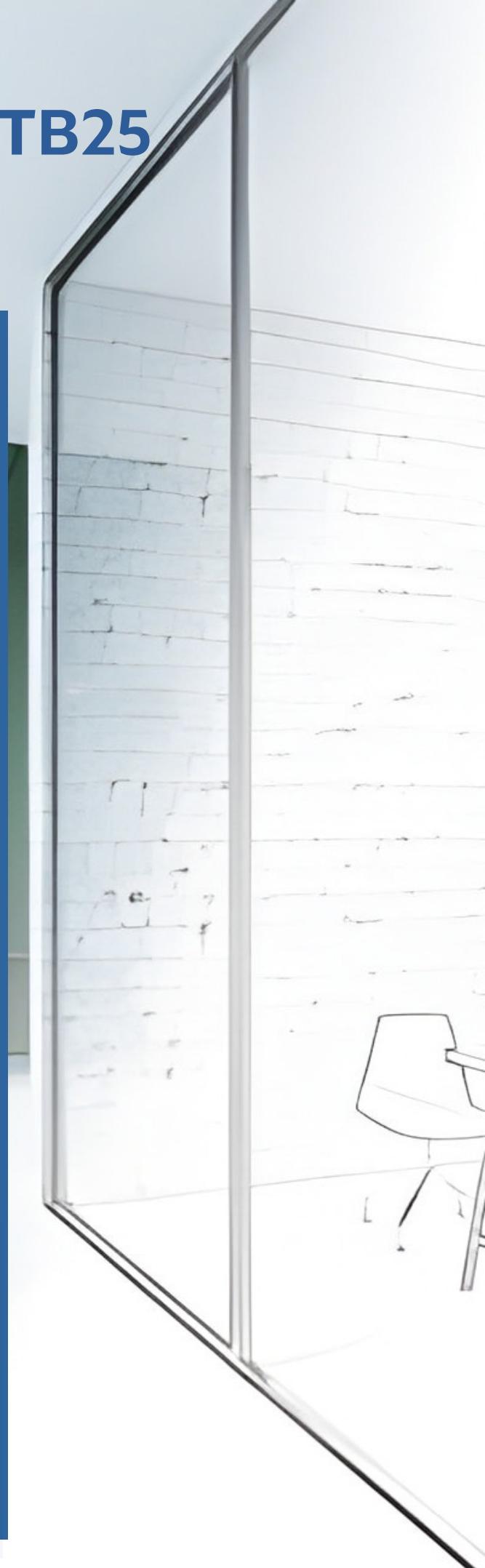
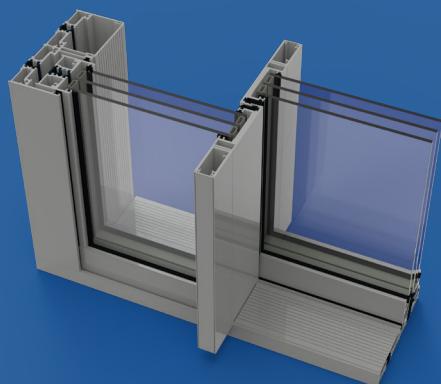
**Optional concealed  
threshold for  
smooth passage  
and accessibility.**



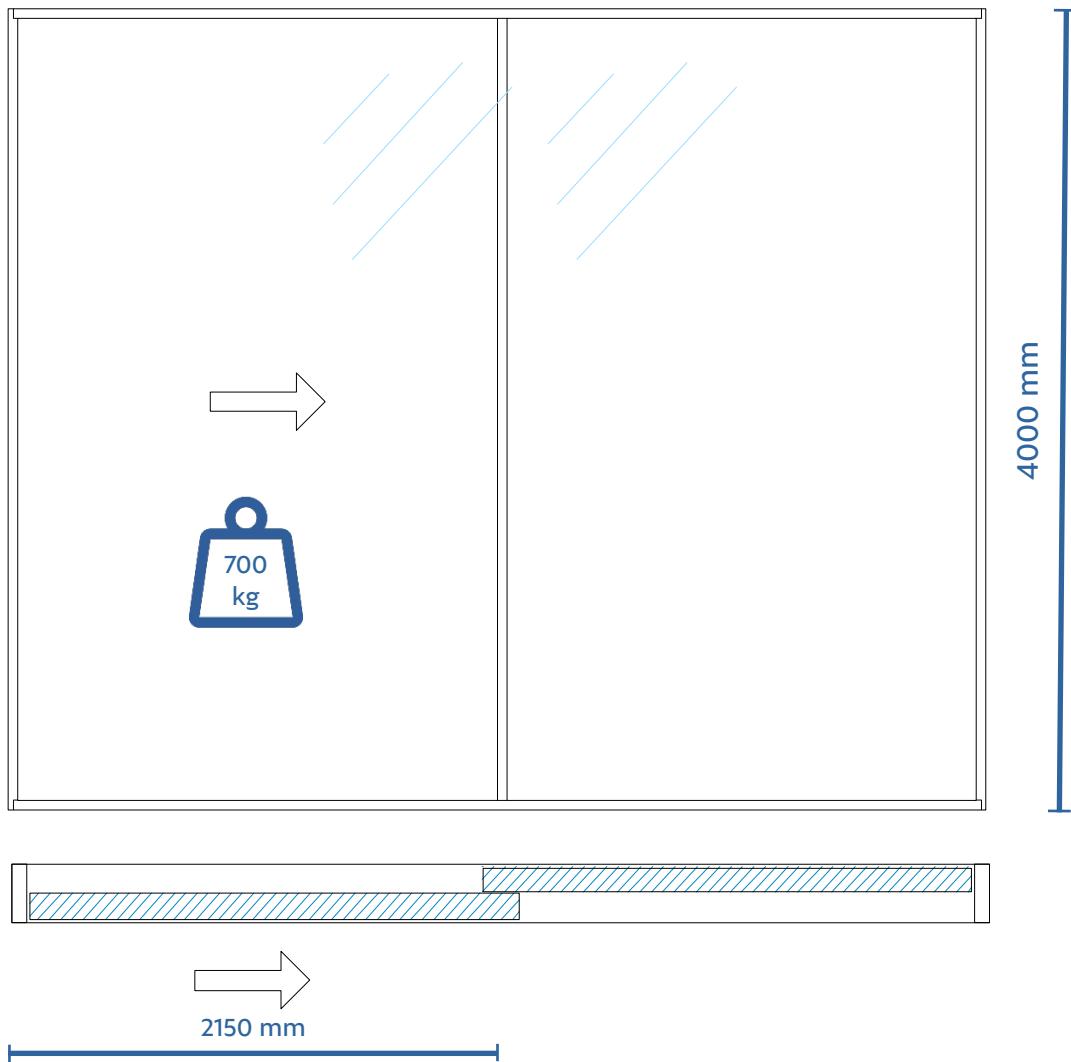
**Preferred by  
architects for  
modern, sleek  
aesthetics.**



**High insulation for  
comfort & energy  
efficiency.**



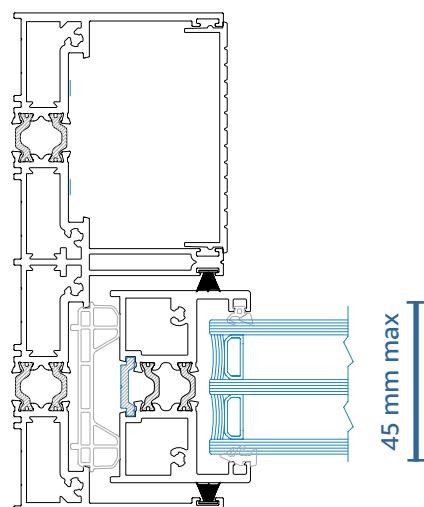
# Panel Dimensions



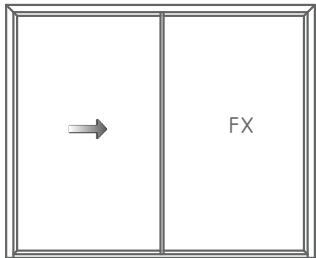
The system's panels can reach heights of up to 4000 mm, making them ideal for creating large, elegant openings.

Each panel supports up to maximum 700 kg.

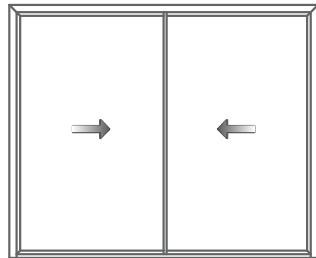
The Slim Sliding TB25 allows glazing up to 45 mm, enabling double or triple insulating glass units for enhanced thermal performance.



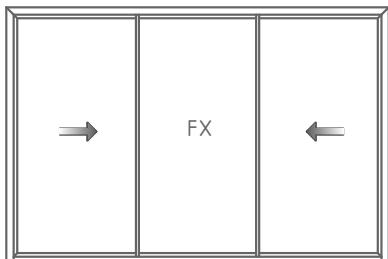
# Typology of Slim sliding systems



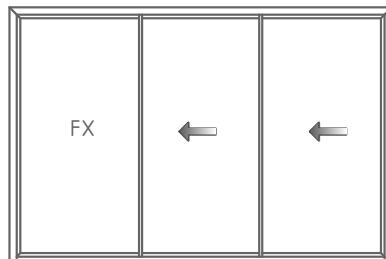
Openable Sash + Fixed Sash



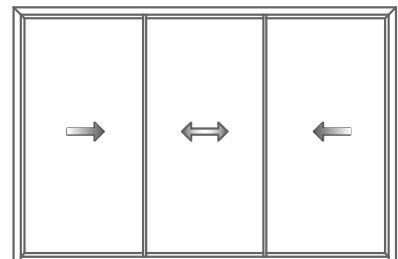
2 Openable Sashes



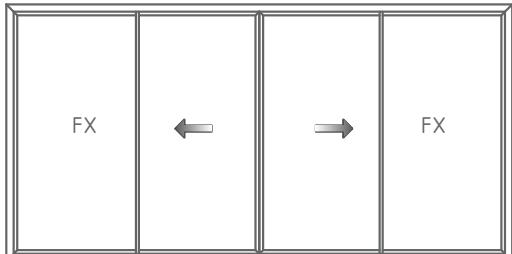
2 Openable Sashes + 1 Fixed Sash



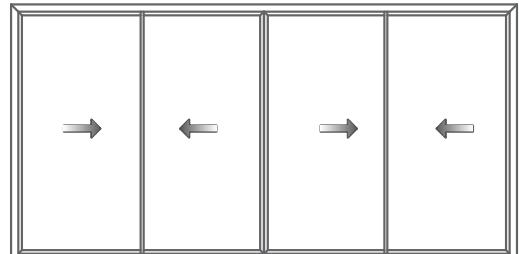
2 Openable Sashes + 1 Fixed Sash



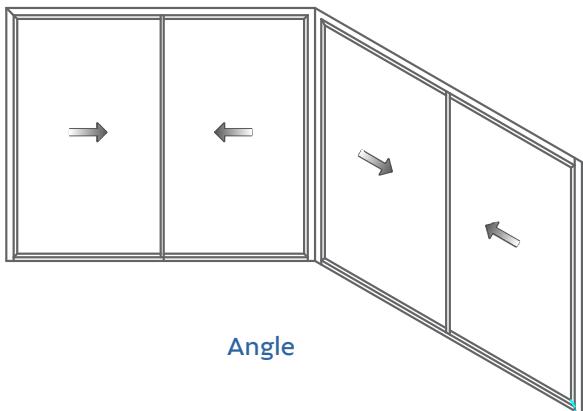
2 Openable Sashes



2 Openable Sashes + 2 Fixed Sashes

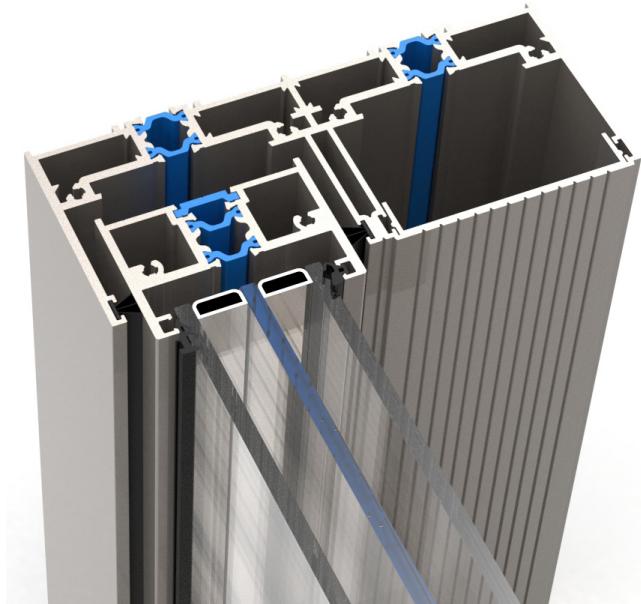


4 Openable Sashes



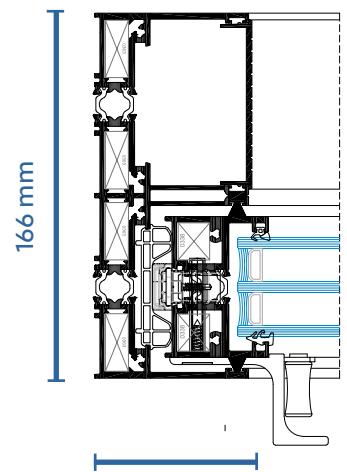
# Technical Specifications

**Brital**  
**TB25**

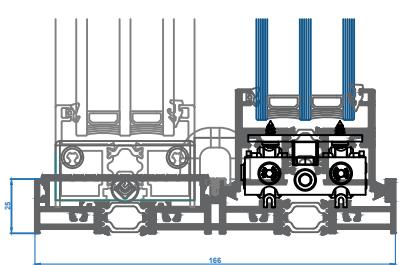


## Presentation of the Series

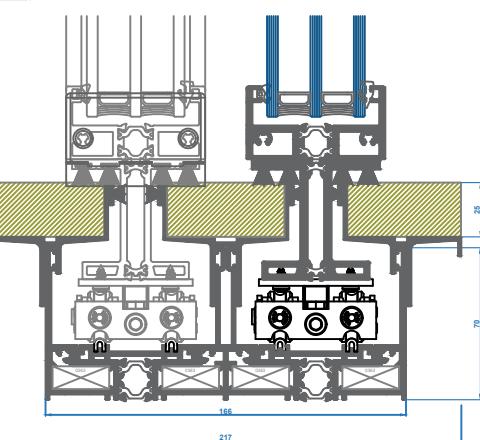
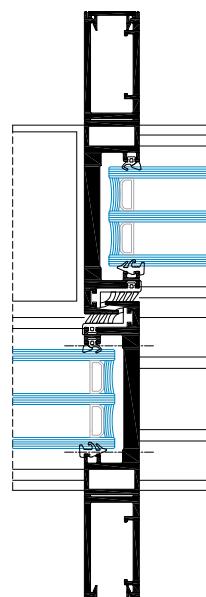
**Thermal break (TB):** Yes 16/22 mm  
**Main frame:** 25 / 70 mm  
**Main sash:** 33.6 / 47 mm  
**Overall profile thickness:** 1.5 mm  
**Maximum glazing:** 45 mm  
**Maximum sash weight:** 700 kg  
**Maximum height:** 4000 mm  
**Narrow sight line interlock:** 25mm



Section



25 mm Standard Threshold

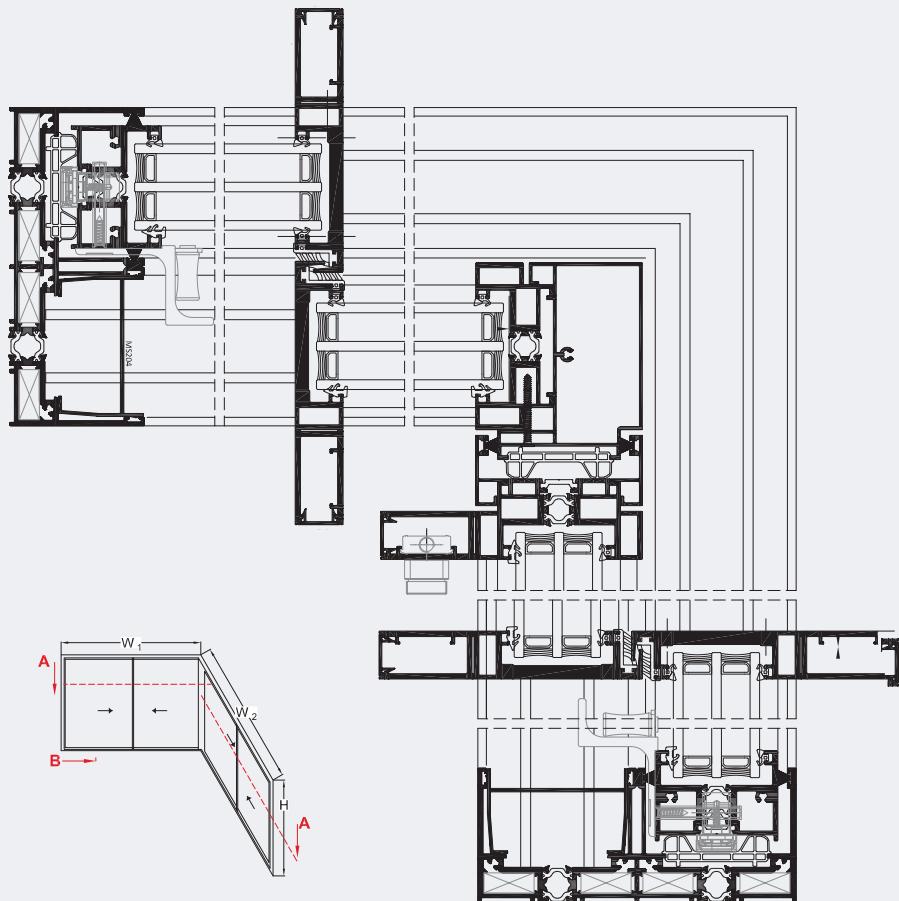


70 mm Concealed Threshold



# Corner Solution

## 1. Corner closing solution





ALUMINIUM SYSTEMS DESIGN

**BRITAL MIDDLE EAST ALUMINIUM SYSTEMS L.L.C**

Al Quoz Ind. Area 1

Dubai UAE

[info@brital.ae](mailto:info@brital.ae)

edition 2025

