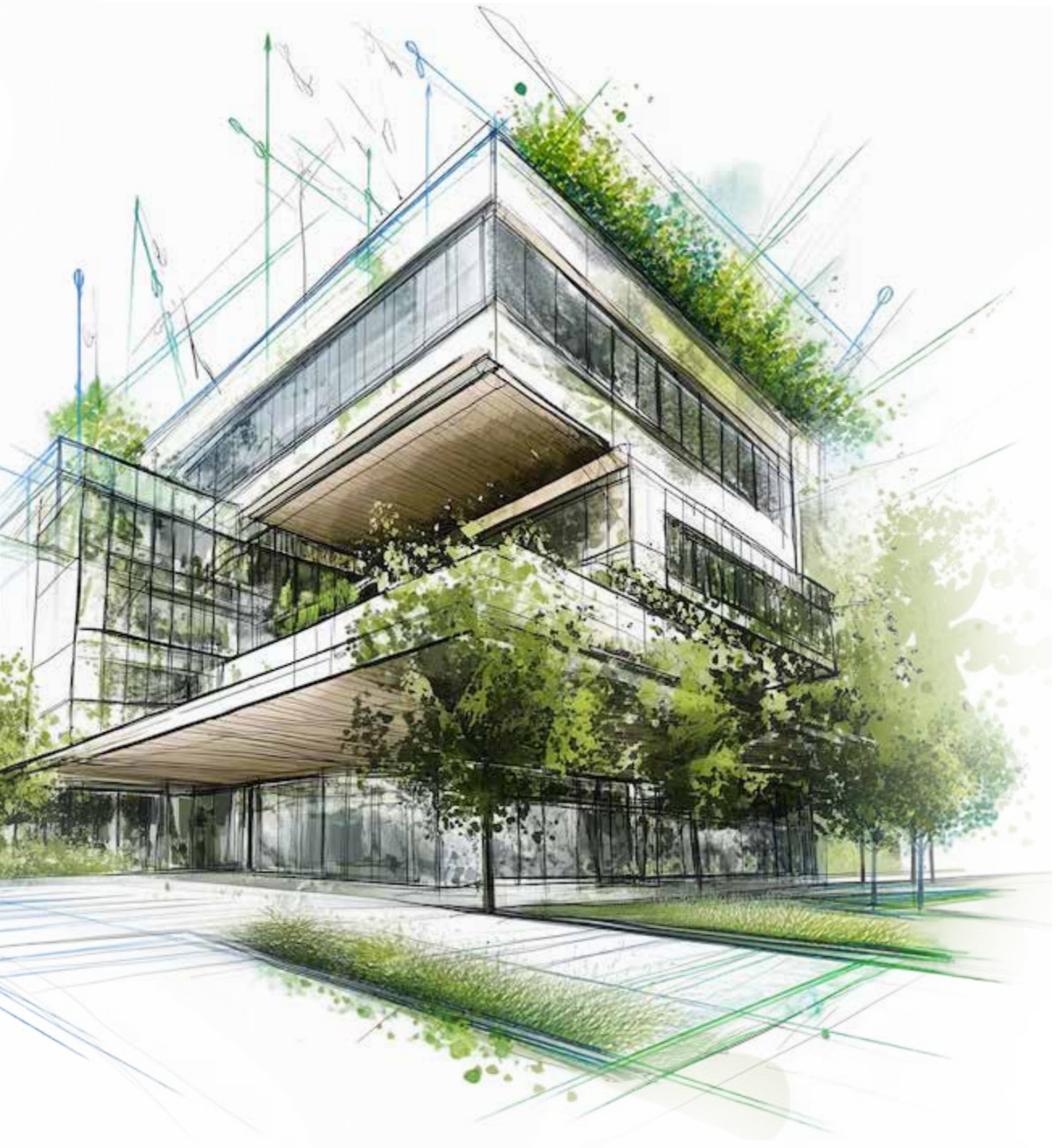
blumium

Engineering high-performance building envelopes
for a smarter, sustainable future



About Us

Sun Win-Doors Profiles Pvt. Ltd. is a building solutions company focused on advancing the performance of modern buildings. Driven by innovation, quality and sustainability, we specialise in high-performance aluminium systems, façades, fenestration and energy-efficient building envelope solutions.

We combine advanced materials, technology and precision manufacturing to develop solutions that balance design flexibility with performance, durability and energy efficiency. Our commitment to this approach is reflected in **Blumium**, our range of high-performance thermal break aluminium systems developed for Façade and HVAC systems.

With a focus on continuous innovation, we are constantly evolving our products and capabilities to meet the changing demands of the construction industry. Our aim is simple: to create smarter, more efficient solutions that contribute to a sustainable and high-performance built environment.

Company History

At Blumium, sustainability is not just a feature, it's our foundation.





1981

We have been pioneers in green building technology in India.

Our journey began as the first to introduce Sun Control Films for UV protection in India and our solutions have been trusted by the most iconic and secure spaces in the country such as Taj Rambagh Palace, Jaipur and the U.S.Embassy, Delhi.



2006

We advanced our sustainability journey with uPVC façade systems.

Our solutions powered India's first net zero building, the LEED Platinum-rated Indira Paryavaran Bhawan, and supported institutions like TERI and IIT in building next-generation campuses.

2026

We set a new benchmark.

Our latest innovation, Thermal Break Aluminum Profiles, is designed to deliver superior thermal insulation, reduce energy loss, and elevate climate control across façades and HVAC systems.



Blumium is more than a materials brand — it is a movement towards smarter, greener, and more resilient systems. With decades of expertise and innovation, we continue to build a sustainable tomorrow, today.



Mission

To empower our environment with high-performance materials and systems which reduce energy use and deliver enduring value.

Vision

To be a trusted leader in shaping sustainable spaces through innovative, efficient, and future-ready building solutions.



The 3P Philosophy of Blumium

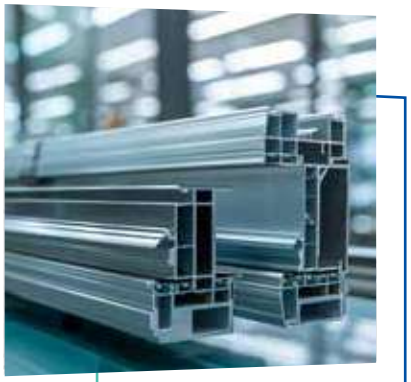
At Blumium, sustainable innovation is built on more than just materials — it's built on a mindset. Our 3P Philosophy guides everything we do, from product development to project delivery.





Partnership

We are collaborators.
We work closely with our customers to understand unique project requirements and craft customized solutions which integrate seamlessly into every design and system.



Precision

Engineered to exacting standards.
Our products are manufactured using world-class machinery, combined with meticulous quality control to ensure engineering precision at every stage.



Performance

Built to exceed expectations.
Every product is tested against global performance standards for energy efficiency, durability, and structural integrity to deliver consistent, reliable results every time.

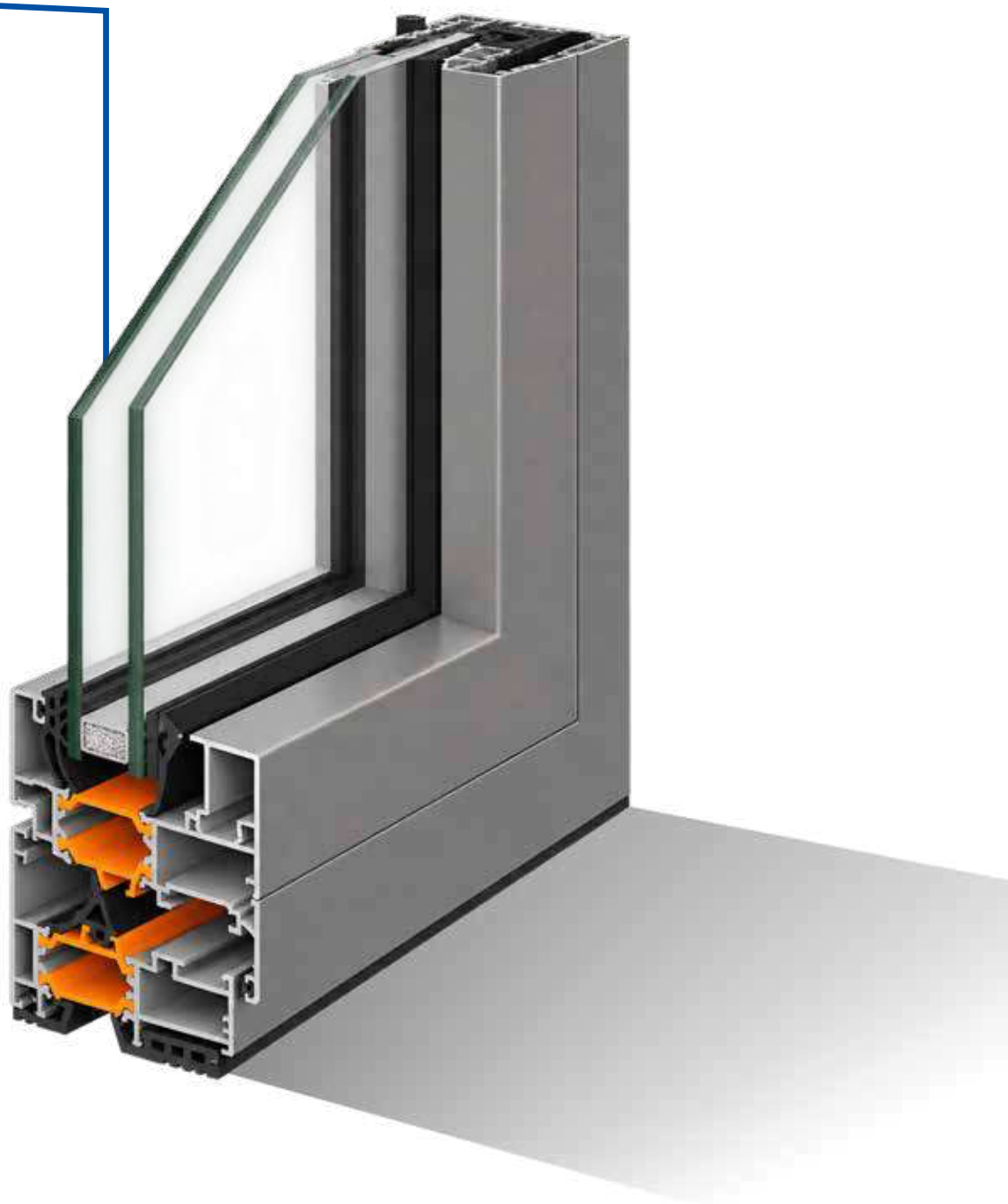
UN SDG Goals we strive to achieve

We actively align our innovation and operations with the United Nations Sustainable Development Goals (SDGs) to help shape a healthier, more resilient planet.





Blumium Facade Solutions





Why Blumium

For decades, India's construction industry has accepted a compromise it didn't know it was making. Aluminium became the material of choice - strong, lightweight, and versatile. Yet conventional aluminium frames conduct heat, turning the frame itself into a thermal bridge where conditioned air escapes, condensation forms, and HVAC systems work harder against the very envelope meant to protect them.

The industry called it standard. We call it unfinished.

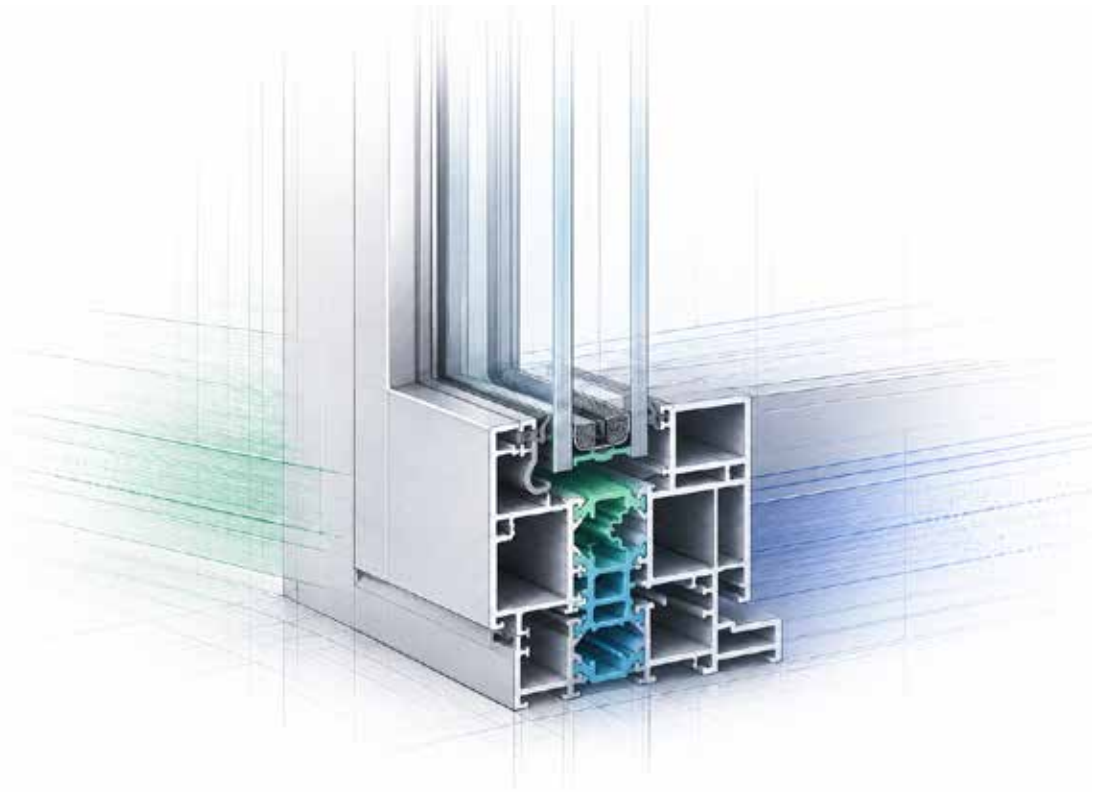
Blumium was built on One Belief - Every aluminium façade in India should be thermally broken. Not as a premium upgrade. Not as a sustainability add-on. As the baseline. Because physics doesn't negotiate, and a broken thermal path isn't a feature - it is how the product should have been made from the beginning.

Blumium is not how fenestration can be done.
Blumium is how it should be done.

Most windows
keep the weather out.
Ours keep the energy in.

Blumium Superior Technology

Blumium Thermal Break Systems interrupt energy flow with a high-performance polyamide barrier between inner and outer aluminium frame, improving insulation and indoor comfort, significantly reducing the transfer of heat through the frame.



Keeps conditioned air in

Minimizes heat transfer through air tight casing, delivering exceptional insulation and system-wide energy performance.

Eliminates condensation

No temperature differential at the frame surface means no moisture buildup, no staining, no wall damage, no long-term deterioration.

Quieter Interiors

Blumium profiles attenuate up to 38 dB of external noise with multi chamber design interrupting acoustic transmission through the frame.

Longer Frame Life

The Polyamide break absorbs differential thermal expansion between inner and outer aluminium chambers, reducing stress on seals and gaskets over time.

Sustainable Performance

Blumium converts the thermal liability of windows in standard buildings into green building compliance and measurably lower cooling loads.

INTRODUCING BLUMIUM TRUE

THERMAL BREAK ALUMINIUM SYSTEMS

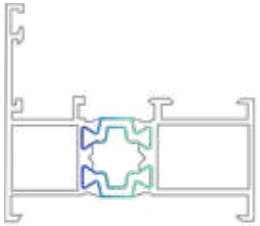
Engineered for projects where thermal performance, aesthetics, and structural reliability come together. Our comprehensive thermal break aluminium profile range enables architects, fabricators, and system partners to build complete façade solutions with confidence.



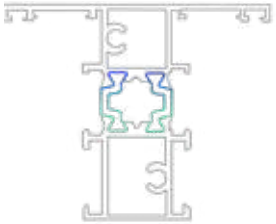
55MM THERMAL BREAK CASEMENT SERIES

BLUMIUM TRUE

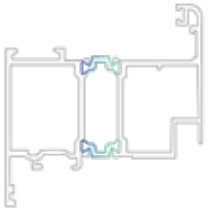
14.8MM POLYAMIDE THERMAL BREAK



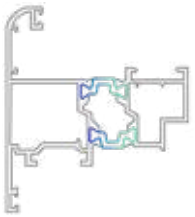
CASEMENT FRAME
BL-TB55-001



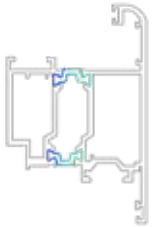
T-MULLION
BL-TB55-002



INWARD SASH
BL-TB55-003



OUTWARD SASH
BL-TB55-004



OUTWARD DOOR SASH
BL-TB55-005



16MM BEADING
BL-TB55-006



20MM BEADING
BL-TB55-007



27.6MM BEADING
BL-TB55-008

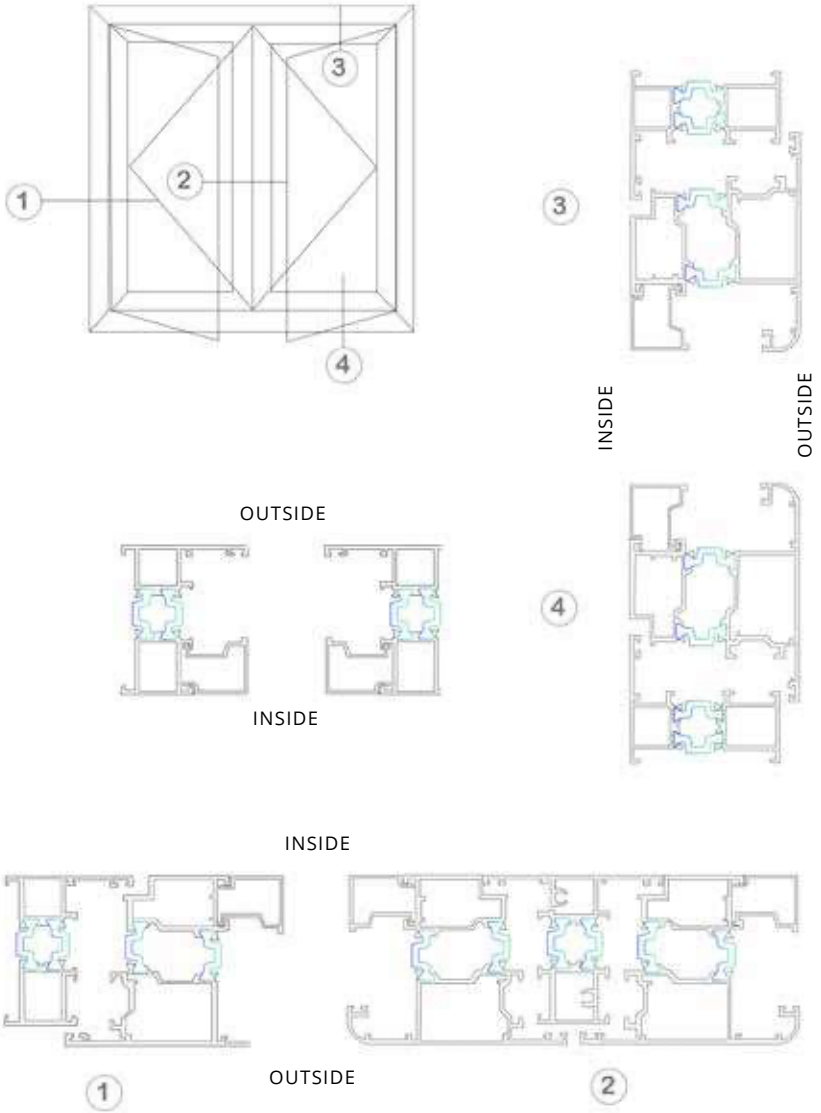
55 mm System Dimension: Optimized profile design for strength and performance.
T6 Grade Aluminium: High-strength aluminium alloy engineered for long-term durability.
14.8 mm Polyamide Thermal Break: Creates a barrier for superior thermal performance.
Optimized U-Value: Designed to improve overall façade energy efficiency.*

**Based on glazing configuration.*

55MM THERMAL BREAK CASEMENT SERIES

BLUMIUM TRUE

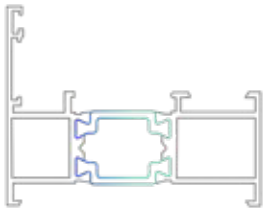
ASSEMBLY



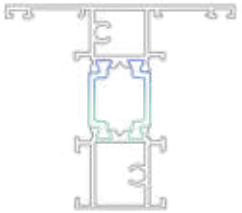
65MM THERMAL BREAK CASEMENT SERIES

BLUMIUM TRUE

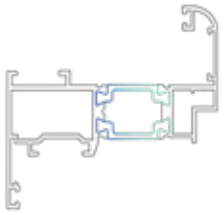
25MM POLYAMIDE THERMAL BREAK



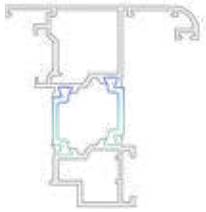
CASEMENT FRAME
BL-TB65-001



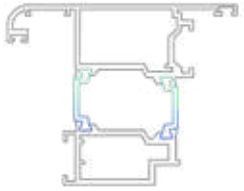
T-MULLION
BL-TB65-002



INWARD SASH
BL-TB65-003



OUTWARD SASH
BL-TB65-004



OUTWARD DOOR SASH
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16MM BEADING
BL-TB65-006



20MM BEADING
BL-TB65-007

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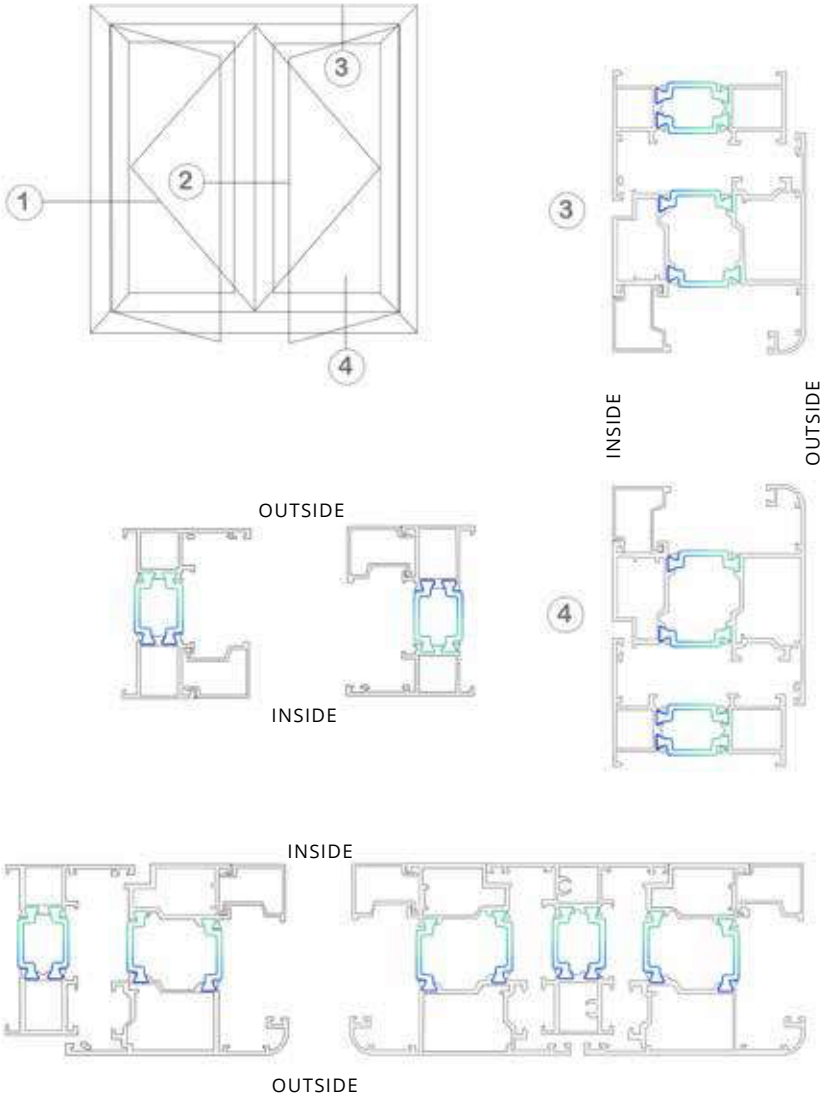



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