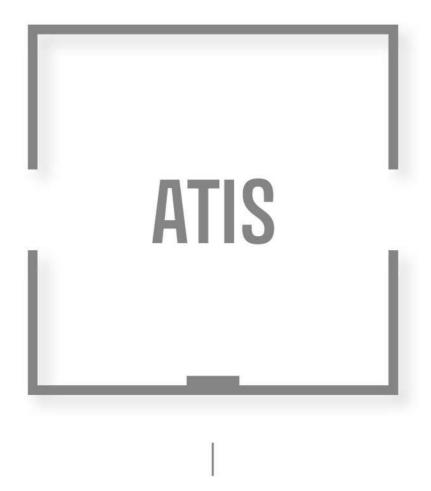
### CONTACT

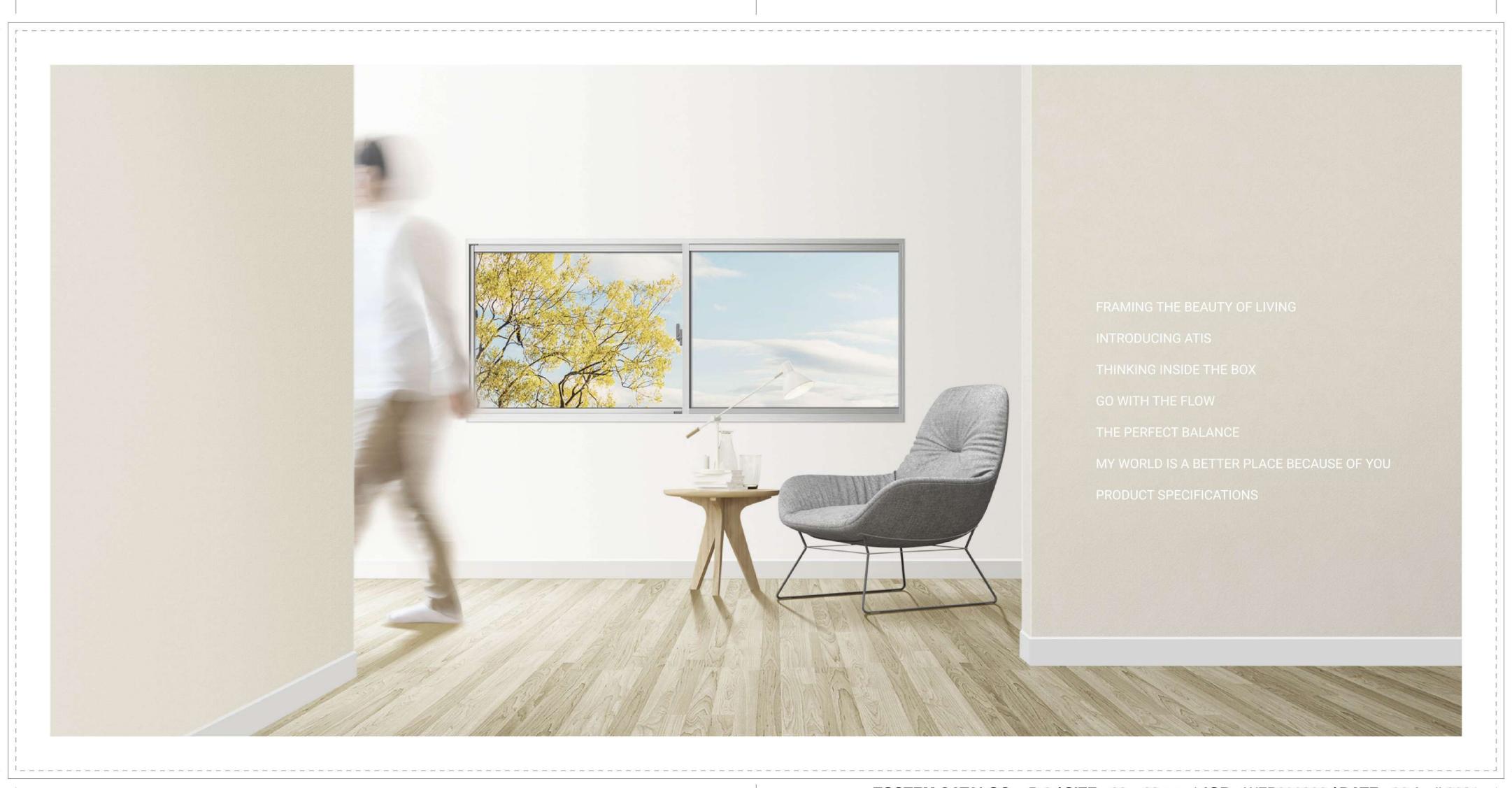
LIXIL International, LHT Asia

www.tostem.com

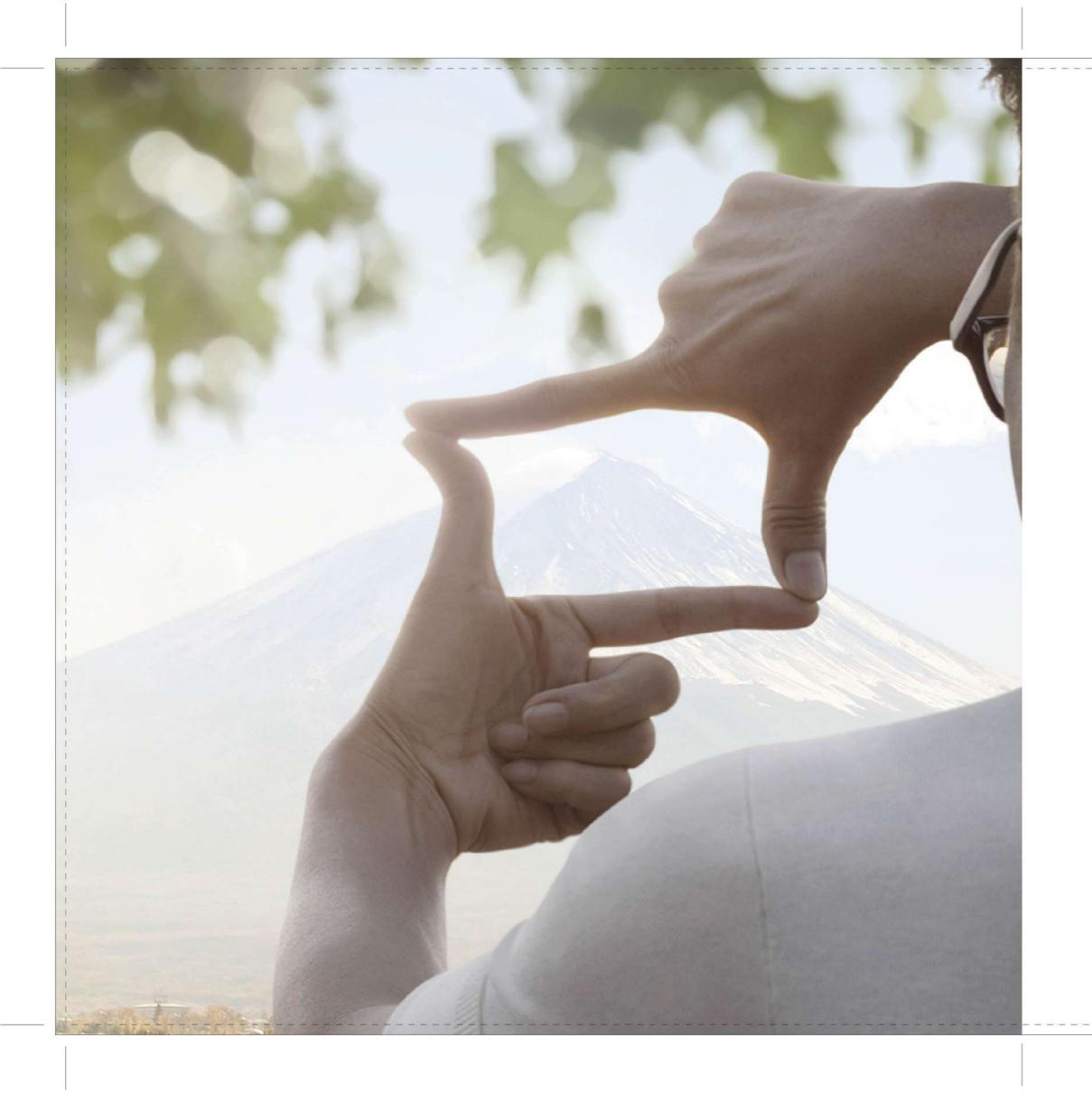


**TOSTEM** 





TOSTEM CATALOG: P-2 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



# FRAMING THE BEAUTY OF LIVING

It is not a window-frame; it is moving art.

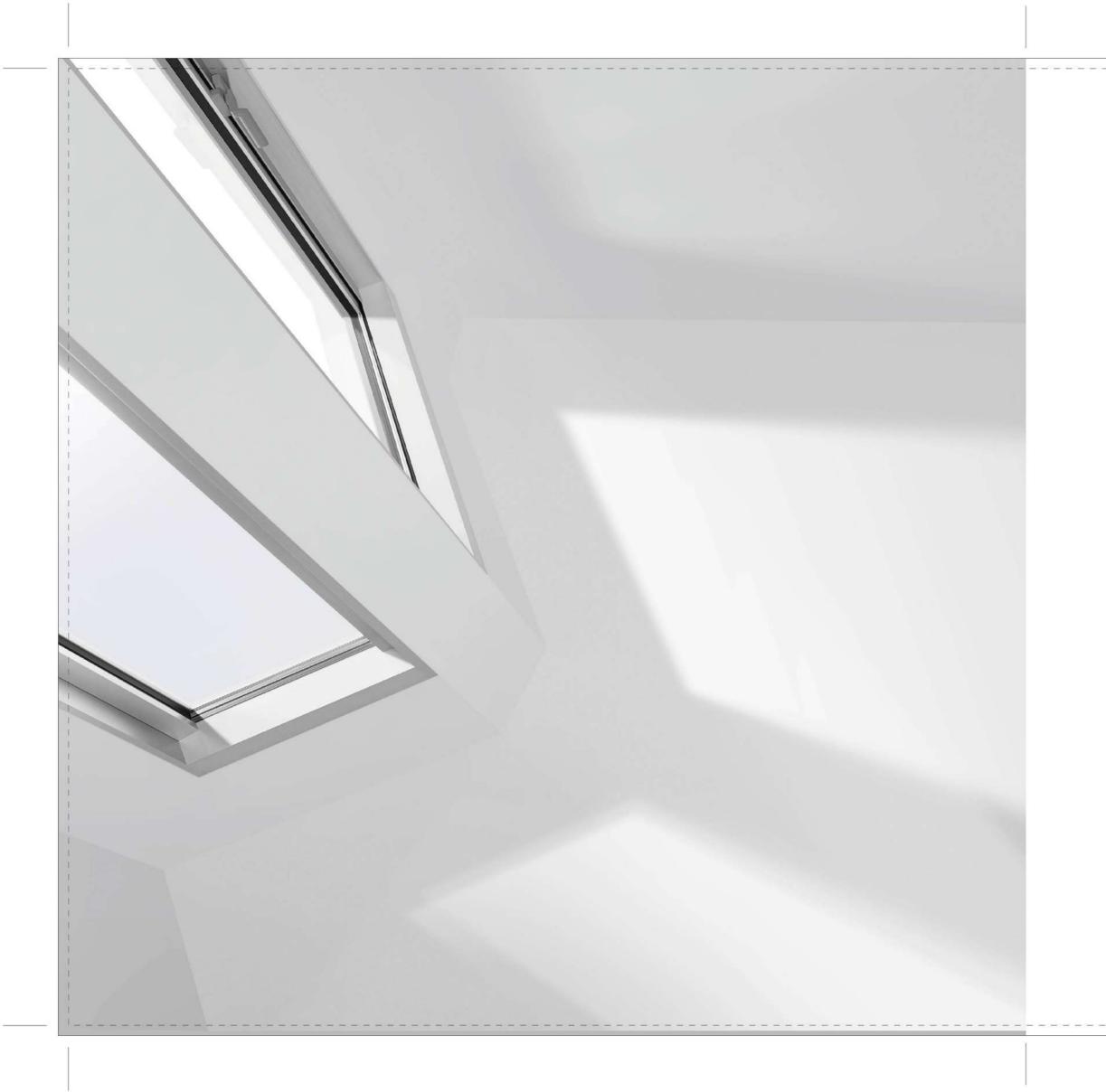
Our end goal is not just window frames.

It is beauty.

Because we believe nothing is more beautiful than life.

We invite you to enjoy.

TOSTEM CATALOG: P-3 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



INTRODUCING

**ATIS** 

The art of the view.

We believe in simple beauty and the beauty of simplicity.

No obstructions or distractions.

Only the artistry of the view.

It deserves a beautiful frame.

TOSTEM CATALOG: P-4 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick

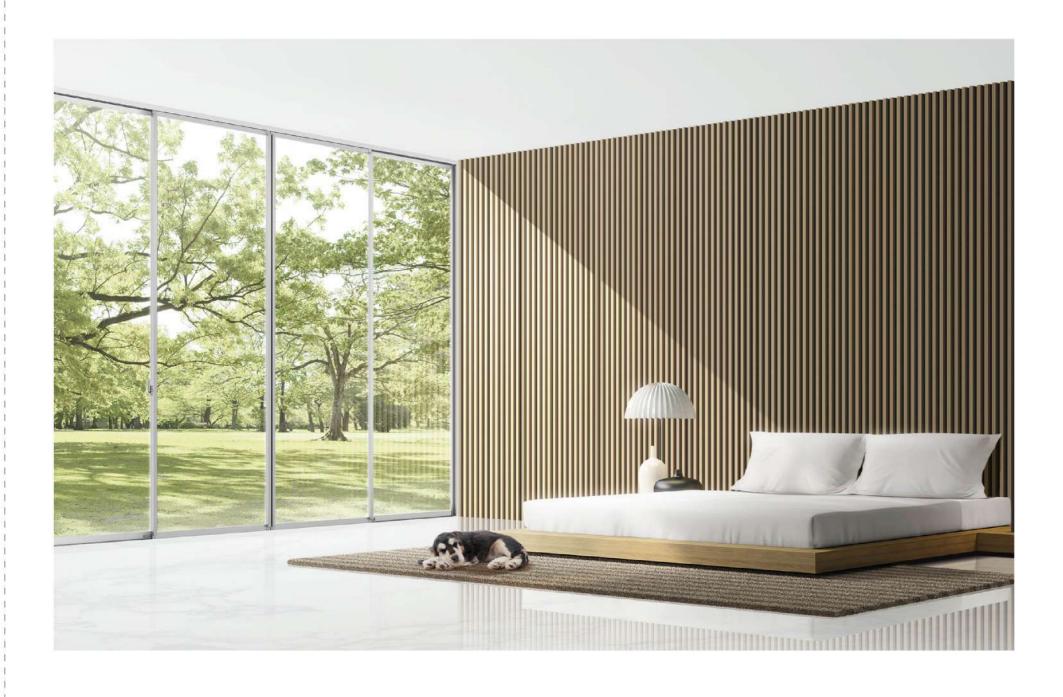


think inside the box

The patent design of **ATIS** is not only aesthetically pleasing but has an enormous amount of innovation and technology 'built within.'

What we see as the streamlined aluminum frame hosts a number of essential functions that have been simplified while allowing complete ease of handling.

TOSTEM CATALOG: P-5 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick

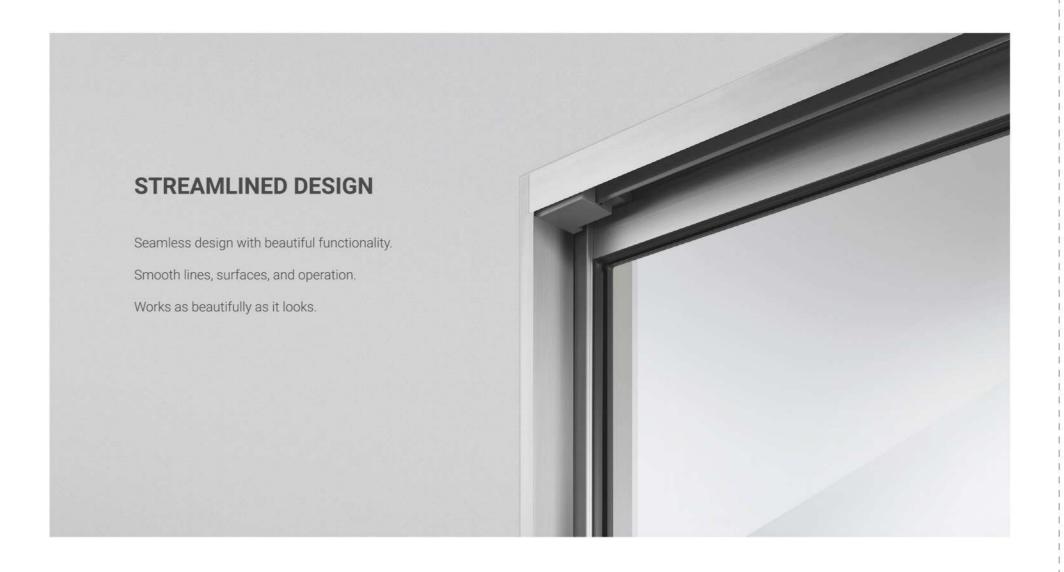


### **LOOK THROUGH US**

We don't want you to look at our windows; we want you to look through them.

All ATIS products follow the same simple design concept: Seamlessly unite the inside of your home with the outside without taking anything away.

We only add protection, privacy, simplicity, and ease of use.



#### FORM AND FUNCTION IN BEAUTIFUL BALANCE

Seamless minimal design. We put the working hardware inside the frame because it is meant to work, not to be looked at. This means your eyes don't snag on any protruding parts, caps, or screws.

Our L-FIT handle was designed to be comfortable to hold and light to operate. Used across our range of windows and doors, it creates uniform aesthetics with perfect functionality to enhance



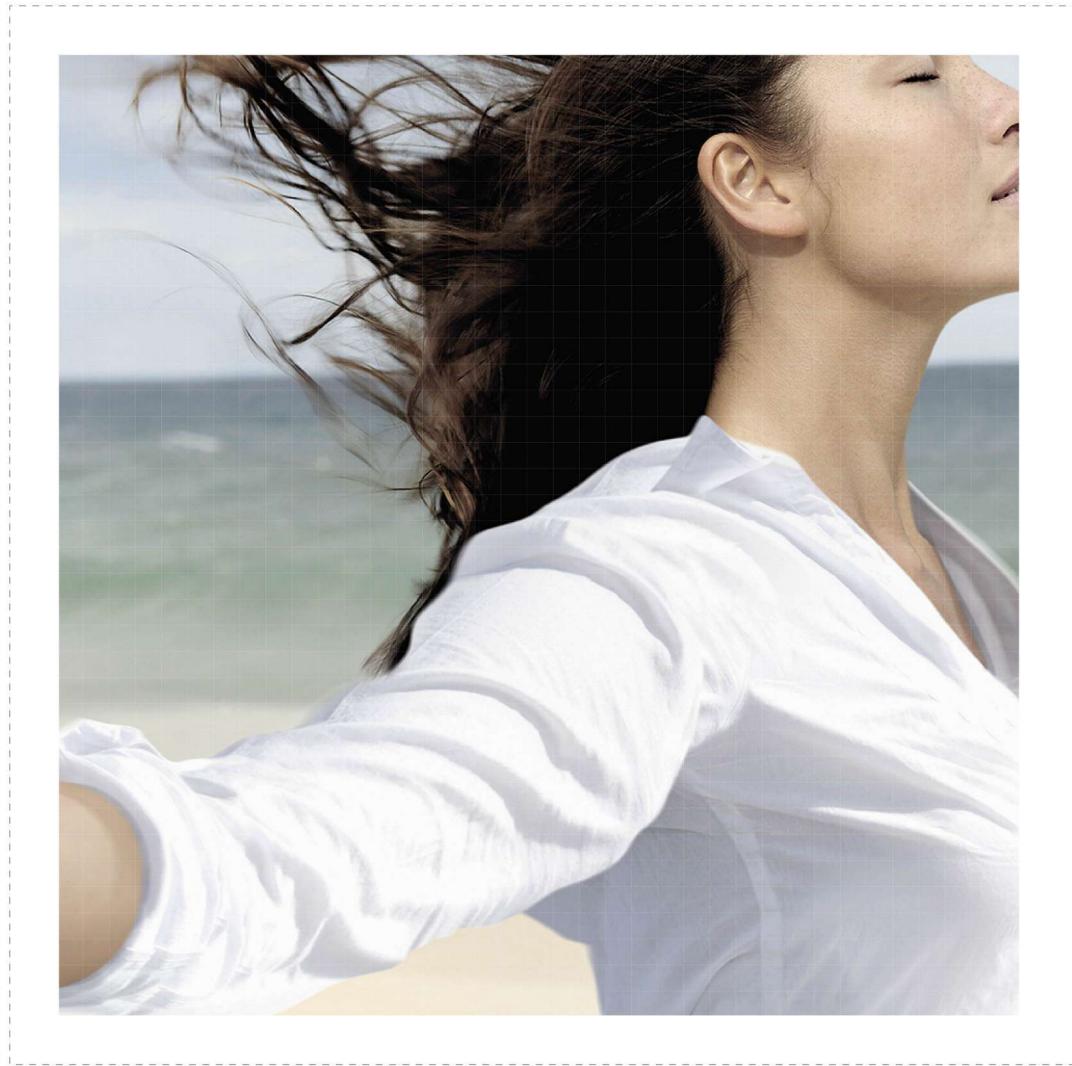








TOSTEM CATALOG: P-6 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



go with the flow

ATIS offers first-in-category INVISIBLE SHIELD INNOVATION.

High-performance, thin, and transparent lightweight fibers keep out mosquitoes and other bugs but let the air in without obstructing your view or feeling of openness.

TOSTEM CATALOG: P-7 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



#### **LET THE GOOD THINGS IN**

Combining protection and preserving visibility and airflow, our **INVISIBLE SHIELD INNOVATION** is a light, airflow-conducive, and almost invisible material created by extensive R&D.

Thin, light, and strong, it is the next generation of insect-protective screens. We continue to lead the way with best-in-class innovations for our products.





We use a 40% thinner wire than conventional insect screens. So you get a 20% clearer view.



We have shrunk the space for bugs to squeeze through by 20%, so not even the tiniest gnat can get in.



With more airflow than conventional insect screens, INVISIBLE SHIELD lets more insect-free airflow through than any others.

#### THE SMART SCREEN DESIGN

This is another one of our patented designs to make your life easier.

You can open our awning and casement windows without having to open and then close the insect screen again.











#### A WINDOW DESIGNED FOR PRIVACY

Specially designed for rooms where you want to keep outside eyes out but let the breeze in.

You can open our high slit windows without having to reach up to the window height. We help you make the most out of every living area in your home.





TOSTEM CATALOG: P-8 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



the perfect balance

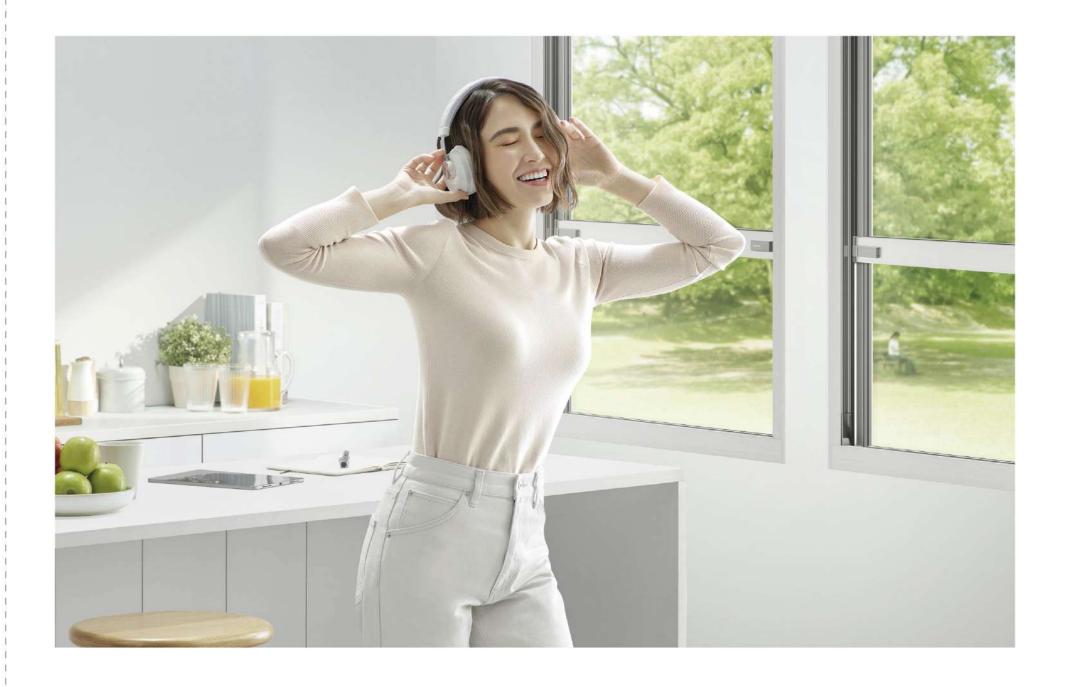
We continue to innovate and lead the category.

Motion Made Easy - When sliding your window panel upward or downward, our patented **PSS BALANCE HARDWARE** supports and guides the movement.

These windows bring beauty and ease of use to any house or apartment.

Our unique design even takes care of light rain while ensuring steady airflow.

TOSTEM CATALOG: P-9 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



#### **EXPRESS YOURSELF**

At the heart of our design philosophy lies the creation of products to enhance joy in your home.

That is why we consider even the smallest detail of your daily interaction with your windows, thereby providing the best possible experience.

Every element measures up to the highest standard of function, form, and endurance;

Because we know it is not just another window in another home, it is yours.



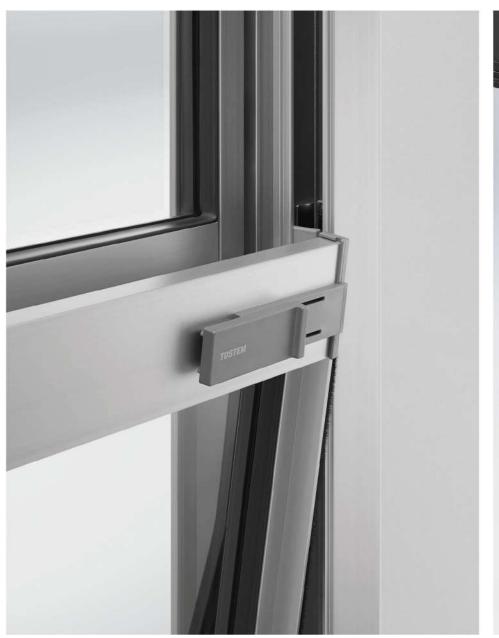
#### **AIRFLOW**

With seamless and safe design that is easy to operate, our windows offer 2-action operation and multiple setting to suit any situation.

It even has a setting that allows for airflow while it is raining lightly outside.

#### POWER SUPPORT SYSTEM

Concealed inside the window frame are all the moving parts, gears, and balancers which all work together for smooth and easy operation.





TOSTEM CATALOG: P-10 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick



my world is a better place because of you

Not only do we work towards more beautiful homes, but also safer ones.

Our award-winning safety design patents prevents accidents for both adults and children.



TOSTEM CATALOG: P-11 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick





Our safety features have been awarded by respected design institutions, but more importantly, endorsed by parents worldwide.

It is the simple ideas that make our windows better and safer to operate, so you know you have chosen the window that avoids preventable accidents.

We make everything make a difference: from the choice of materials to the shape of the handles and the handling.

**ATIS** is researched, designed, and tested not only to look good, but also to be good.





#### SAFTEY STOPPER

Our safety stopper is always there and always ready to stop mistakes from becoming accidents.

Our patented design is built into all our windows to protect you and your family.



#### **LEAN-FREE OPENING AND CLOSING**

Our orbit-handle makes opening and closing windows safer.

By placing the operation handle on the frame, there is no need to lean outwards.

This safety enhancement was designed for smooth and light operation and eliminates the possibility of falling out of the window.











#### **SNAP-ON BARRIER ATTACHMENT**

The bottom of our sliding door frames is sunk into the floor.

To make it even more seamless for wheelchair access or tiny feet, simply use the snap-on fitting to cover the gap.

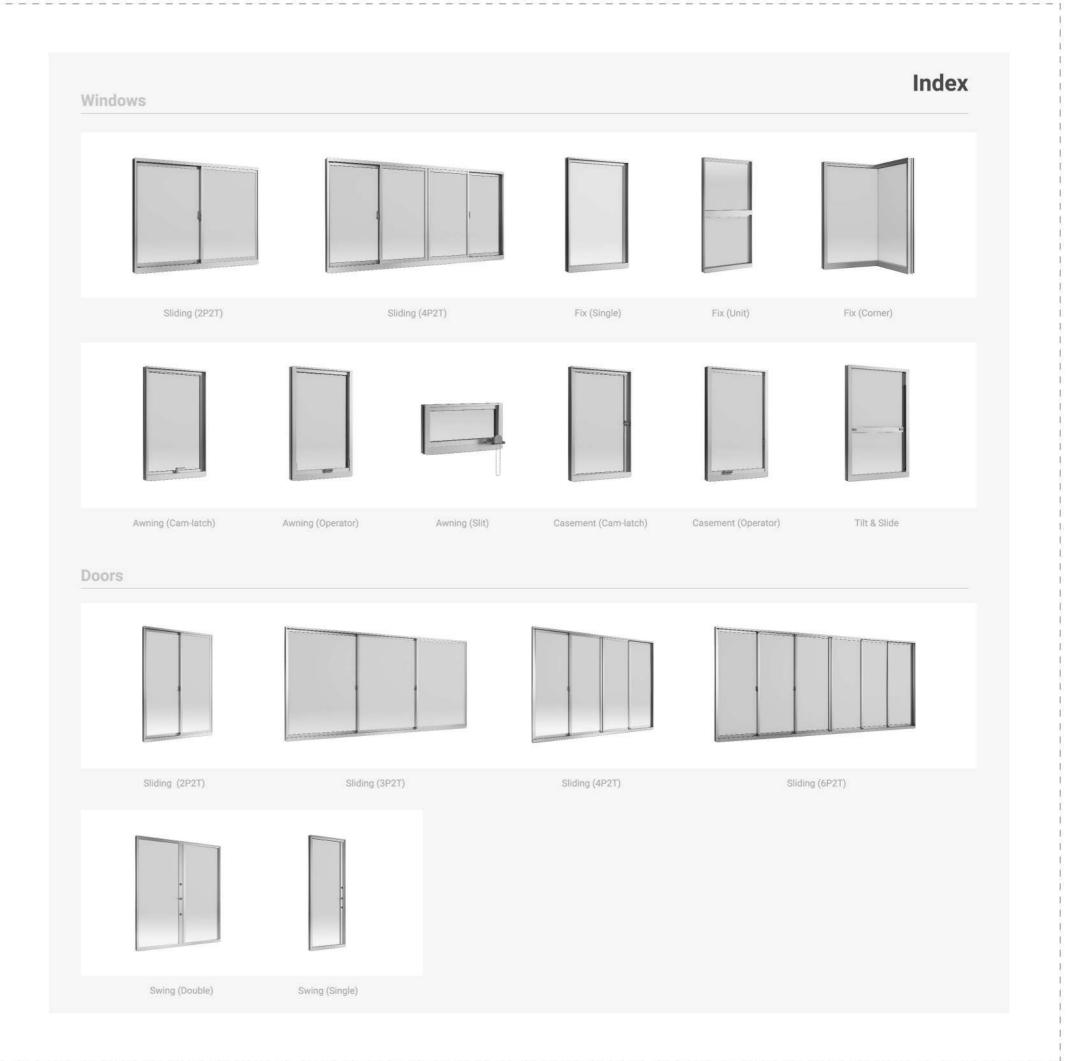
TOSTEM CATALOG: P-12 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick

# product specifications

All products are standardized but can be also custom made. If you require special sizes or additional specifications, please convene with our customer support or a specialized sales assistant.

#### **SPECIFICATIONS**

PERFORMANCE		ATIS (For Low Rise)	ATIS PLUS (For High Rise)
	Wind Pressure Resistance	JIS: 1200Pa (S-2)	ASTM: E330: 2000Pa
	Water Tightness	JIS: 250Pa (W-3)	ASTM: E330: 300Pa
	Air Tightness	JIS: 2.0m <sup>3</sup> /h.m <sup>2</sup> (A-4)	ASTM: E283 10.7m <sup>3</sup> /h.m <sup>2</sup>
	Noise Insulation	JIS: 25dB (T-1)	JIS: 25dB (T-1)
PRODUCT COLOR Anodized	Natural White Natural S	ilver Shine Grey	Autumn Brown Natural Black
GLASS THICKNESS	SG (Laminate)	5-15.5 mm 22 mm	



TOSTEM CATALOG: P-13 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick

## **TOSTEM**

Japan's leading brand of windows and doors

TOSTEM is a globally recognized brand of windows and doors.

It is a part of LIXIL, Japan's most respected name in building materials and housing products and services.

We started designing and manufacturing aluminum sash windows in 1966 based on the principles of always aiming for the highest quality and never merely imitating what others had already done. As lifestyles and customer expectations have changed and diversified over the years, we too have evolved to meet them, continually enhancing the performance and comfort of homes. Our products allow people to be both connected to nature and protected from the elements - a durable interface that enhances comfort and wellbeing.

Thailand 🗖 | Japan 🗗 | India 🗗 | Indonesia 🗗 | Philippines 🗗 | Vietnam 🗗

TOSTEM CATALOG: P-14 / SIZE: 28 x 28 cm. / JOB: WFP200226 / DATE: 30 April 2021 CS: โอปอ/นุ่น / Art Di: Art / Copy: Konstant Hercules/Art / Com Art: D@.com / PM: Nick