

Cosmo

Compact, smart & modular
window system

Sobinco
OPENS YOUR LIFE

Cosmo

by Sobinco

This is an unconventional brochure for an unconventional window system. There's a very good reason for this.

Cosmo is not just any old window system. **Cosmo is revolutionary in its simplicity, modular in use, and – thanks to its exceptional quality – has been created to last for generations.** This will become clearer over the next few pages.

At Sobinco, we hold innovation in high esteem. For more than 60 years, we have been striving to provide the very best quality and to harness all the available creativity, know-how and craftsmanship into creating unrivalled products.

Cosmo window fittings are the latest in this sequence. It won't be the first time, nor will it be the last, that we feel we can lay claim to **Cosmo being the very best window system currently on the market.** On the next few pages you will discover exactly why.

Cosmo has been designed by Sobinco with absolute precision and with commitment and a passion to improve. Cosmo has been created by Sobinco to bring about a revolution in window manufacturing.

The dream is to find a simple, reliable method of installation and outstanding quality with a lifelong guarantee. As from now, this is possible. We guarantee maximum functionality with half the components. We offer error-free, foolproof assembly for all types of window, with the high performance levels expected from superior window fittings.

This is no pie in the sky. **This is Cosmo by Sobinco.**







Simplicity

RADICAL SIMPLIFICATION, MAXIMUM FUNCTIONALITY.

- **Fewer components** than conventional systems. In fact, far fewer!
- The same **standard components** can be used for all types of window.
- **Fixed positions** for the keeps.
- **Foolproof assembly**, with positioning calibres.
- Assembly possible using a **limited number of tools**.
- Window projects can now be easily configured, calculated and visualised with the **SoLogic app**.
- **Flexible packaging** is available per project or in bulk.

A MINIMUM OF COMPONENTS, A MAXIMUM OF POSSIBILITIES.

Cosmo requires **up to half the required components** of traditional window fittings. Fewer components help streamline the production process, do away with the need for large amounts of stock and enable efficient installation.

This installation is virtually foolproof, requiring no complex instructional diagrams or potentially erroneous measurements. Simply align the components and click into place. It's smooth and intuitive, without causing any headaches.

With Cosmo window fittings, **keeps** are in a **fixed position** which means that assembly is always identical.

1 CORNER, 1 LOCKCASE, 2 BOLTS AND 7 RODS.

You have just received the complete standard system for the new Cosmo window fittings, and, yes, you read that correctly.



1 CORNER TRANSMISSION.

Cosmo uses **a single corner piece for all window types**, whatever the level of burglar resistance.



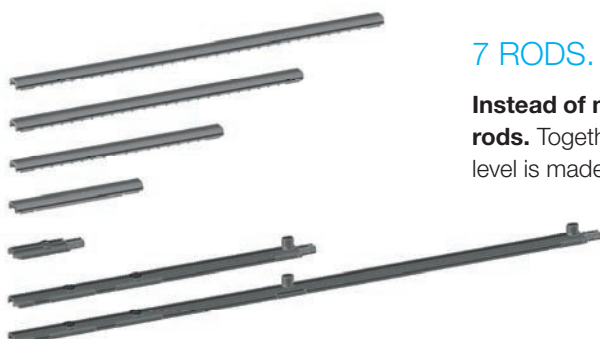
1 LOCKCASE

With just **one lockcase** you achieve a **smooth and burglar-resistant operation** of all types of windows.



2 WINDOW BOLTS.

Two! With **just two window bolts**, you can construct **any type of window opening for any level of burglar resistance**.



7 RODS.

Instead of measuring and cutting rod lengths to fit each size, Cosmo has seven rods. Together, they form the set with which every window type and burglar resistance level is made.

We are betting you won't forget the numbers 1, 1, 2 and 7.





Modularity

INNOVATIVE MODULARITY FOR EVERY SITUATION.

- Intelligent standard system with **modular expansions**.
- Suitable for window configurations with **standard or RC2 burglar resistance**.
- The tilt wedge enables a **simple switch from the turn-tilt to the tilt-turn setting**.
- **Multifunctional link arm** to assist adjustment from turn-tilt to tilt-turn, with **variable tilt opening** and **regulated anti-slam shut device**.
- A **unique french casement window system** providing easier assembly: there is an upper and lower handle instead of a central closing mechanism, which enables quick and easy operation for any window size.
- **Easily upgradable with:**
 - Adjustable window stay 90°.
 - Magnet contact on a rod or stand alone.
 - Nighttime ventilation 17 mm.
 - Edge, Horizon and Sobinox window handles.

ONE INNOVATIVE STANDARD SYSTEM, ENDLESS POSSIBILITIES.

Cosmo uses **one ingenious standard system**. This enables you to go about your work quickly and easily. Different window types and configurations present no problem either. Cosmo is a **modular** system of window fittings: the integration of additional functions and extensions is trouble-free and any upgrade requires hardly any adjustments or additional components.



Turn-tilt



Tilt-turn

TWO TILT WEDGES.

In contrast to conventional window systems, Cosmo window fittings use two tilt wedges. This allows you to **switch effortlessly from a turn-tilt window to a tilt-turn construction**. Additional or alternative components are not needed. At one fell swoop, this eliminates the need for different systems that both window types have hitherto necessitated and brings about unparalleled simplicity when switching constructions.

WHAT DOES COSMO NOT HAVE?

Are there elements that Cosmo does not have? Of course. **We already mentioned needless complexity, inefficiency, too many components** and a greater risk of human errors. Other notable absences include:

- Lifting safeguards.
- Thickness pieces.
- Protection pieces for the RC2 configuration.

The lack of anything superfluous and the inclusion of **versatile components** mean that the Cosmo is the **simplest and most intuitive window system on the market today**. Thanks to the innovative modularity, any window type and any level of burglar resistance can be produced from the basic design, with minimum adjustment. **Minimum adjustment also means minimisation of stock levels, maximisation of installation ease, easy switching, few standstills and exceptional simplicity.**





Quality

COSMO HAS BEEN DESIGNED TO LAST FOR GENERATIONS.

- **Superior quality** thanks to high-grade materials.
- **Fully concealed** window fittings.
- Tested for **durability and reliability** through 20,000 cycles (EN 13126-8).
- Available **up to corrosion class 5**.
- Increased airproofing, windproofing and waterproofing.
- Noiseless and smooth operation throughout its lifespan.

Sobinco has never been in the business of designing run-of-the-mill window fittings. Only attaining the very best will meet our satisfaction. But Cosmo exceeds even our greatest expectations. Every component, every element and every choice made result in exceptional performance.

CORROSION RESISTANCE?

Cosmo should never be the weak link in the window system. We have done everything to ensure **a flowing mechanism and reliable functionality**. Not just once, nor a hundred or a thousand times over, but throughout the entire life cycle of the window, in the most demanding of situations, you can put your trust in Cosmo.

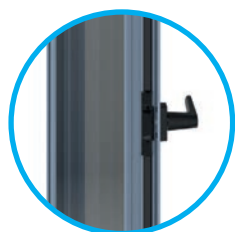
Cosmo comes with **corrosion classes 4 and 5 as a standard**. Not only can we guarantee protection from rust and wear and tear, but Cosmo retains its perfect look in any environment for years to come.

PERFORMANCE

According to standard: EN 13126-8:2017.

* **Corrosion tests were performed after cyclic testing of 20,000 cycles (durability class H3).** RAL certificates are available upon request.

Product type	Durability	Weight	Dimensions	Corrosion class
Cosmo STD side-hung window, turn-tilt, tilt-turn 10-14 / 14-18	H3	130 kg	1300 x 1200	4* & 5*
Cosmo STD side-hung window, turn-tilt, tilt-turn 10-14 / 14-18	H3	170 kg	1400 x 1550	4* & 5*
Cosmo STD side-hung window, turn-tilt, tilt-turn 10-14 / 14-18	H3	200 kg	900 x 2300	4* & 5*
Cosmo SAFE side-hung window, turn-tilt, tilt-turn 10-14 / 14-18	H3	130 kg	1300 x 1200	4* & 5*
Cosmo SAFE side-hung window, turn-tilt, tilt-turn 10-14 / 14-18	H3	170 kg	1400 x 1550	4* & 5*
Cosmo SAFE side-hung window, turn-tilt, tilt-turn 10-14 / 14-18	H3	200 kg	900 x 2300	4* & 5*



Corrosion class 4



Corrosion class 5



Clear added value

for the fabricator

You know the challenges like no one else: every day, **valuable time is lost** installing **complex window fittings**, resulting in **frustration and delays**. Rising wage costs and the never-ending search for skilled personnel fuel the need for greater efficiencies, against a backdrop of clients demanding ever superior quality.

Make things easier for yourself. Opt for a window system that is **revolutionary in its simplicity, modular in use**, and – thanks to its **exceptional quality** – has been created to last for generations.

- Window fittings available for eurogroove 14-18 and 10-14.
- Corrosion resistance: class 4 in black finish and class 5 in grey finish.
- Window fittings available for standard and RC2 configurations.
- Standard concealed hinges that can handle opening angles up to 180°.
- French casement window with two handles.
- Window formats come with a lock case operated by means of a base-free handle or a 43/7 handle.

Type of opening	Max. weight	Min. width	Min. height	Max. width	Max. height
Turn-tilt window	200 kg*	440 mm	520 mm	1700 mm	3000 mm
Tilt-turn window	200 kg*	440 mm	520 mm	1700 mm	3000 mm
Side-hung window	200 kg*	250 mm	520 mm	1700 mm	3000 mm
Tilt window	130 kg	470 mm	520 mm	1800 mm	3000 mm
Ventilation vent	90 kg	180 mm	560 mm	300 mm	3000 mm
French casement window	200 kg*	400 mm	660 mm	1390 mm	3000 mm

*max. weights only permissible up to widths of 1200 mm and an opening angle of 90°.

For more detailed information, please contact our Sales Engineers.

COSMO COMPARED WITH CONVENTIONAL WINDOW SYSTEMS.

Functionality	Cosmo	Conventional window systems
Technical data		
Maximum opening angle	180°	100°
Adjustable tilt opening	yes; 130 mm – 170 mm	no
Adjustable safety device	yes	no
Maximum height	3000 mm	3000 mm
Maximum width	1700 mm	1600 mm
Maximum weight	130/170/200 kg	80/150 kg 100/180 kg
Can be assembled by 1 person (horizontal/vertical)	yes (up to a certain vent size)	yes (up to a certain vent size)
Materials		
Top hinge	Stainless steel	Treated steel

A STANDARD SYSTEM WITH RATIONAL, MODULAR EXTENSIONS FOR ALL WINDOW TYPES AND BURGLAR RESISTANCE LEVELS.

Percentage of equivalent components depending on type of window		
	Standard security	RC2 security
Turn-tilt window (reference window: 1 m W x 1,70 m H)	24 components 25 components	71% 32%
Tilt-turn window	96% 77%	68% 34%
Side hung open in window	81% 69%	55% 31%
Tilt window	83% 78%	54% 33%

Cosmo compared with conventional window systems.

Few different components.

No fewer than 71% of the 24 components in a standard turn-tilt window are identical in the turn-tilt window with RC2.

Easy assembly and processing.

- Intuitive.
- Fewer human errors.
- Fewer picking errors.

Manifold technical functionalities without extra headaches.

Please contact one of our staff and take the next best step towards worry-free, efficient and effortless construction of all types of quality window.



We are Sobinco. We get things done. We specialise in the development and production of innovative locking systems and components for the aluminium windows and doors industry.

At Sobinco **the entire production process takes place under one roof.** In this way we are able to manage and control the value creation chain from start to finish. This gives us **great flexibility** and allows us **to attain sustainable results over the short term.**

Innovation is our passion. Our creativity, expertise and craftsmanship provide a guarantee of added value which translates into **high-quality products, easy assembly, modularity, sustainability and aesthetic comfort.**

Driven by this passion, **our team** at all times endeavours to **improve our current products and develop new ones.** To this end, we listen to the market and to our customers.

We use **high-quality materials** for our product development. These products are **exhaustively tested in line with the strictest of guidelines and quality requirements.** Every product must satisfy these as a minimum and their ratings often exceed the required standards.

We have a **strong customer focus.** Not only in the development of our products, but also in our after-sales support, during the installation process and even long afterwards.

Sobinco is a financially viable and high-tech environment where our specialists can focus on their strengths. With more than 60 years in the business, you can rest assured that we are a reliable partner, ready to seize the opportunity. Nevertheless, we remain approachable. In short, **a family atmosphere, where there is mutual respect** for management, customers, partners and employees.

We are Sobinco. We get things done. We listen. We think in terms of opportunities. We are not afraid to roll up our sleeves.

VAN PARYS FAMILY

PEOPLE

COMPLETE SERVICE

VERTICAL INTEGRATION

Listen. Think. Do.

SUSTAINABLE GROWTH

INNOVATION

TOP QUALITY

FITTINGS FOR ALUMINIUM WINDOWS & DOORS

Waregemstraat 5 - 9870 Zulte - Belgium

T +32 9 388 88 81 - F +32 9 388 88 21

commercial@sobinco.com

www.sobinco.com

Sobinco
OPENS YOUR LIFE