



ROKA-THERM XP BOX

MAXIMUM INSULATION
EFFICIENCY FOR NEW
AND REFURBISHED
HOMES

ENG







COMPLETELY INTEGRATED INTO PEOPLE'S HOMES

Giménez Ganga presents the new Roka-Therm XP box. It is a highly robust and resistant system for installing roller shutters, for new builds, refurbishment and home renovation.

Roka-Therm XP is fully integrated into the building's facade. This provides flexibility in terms of the architectural design requirements.

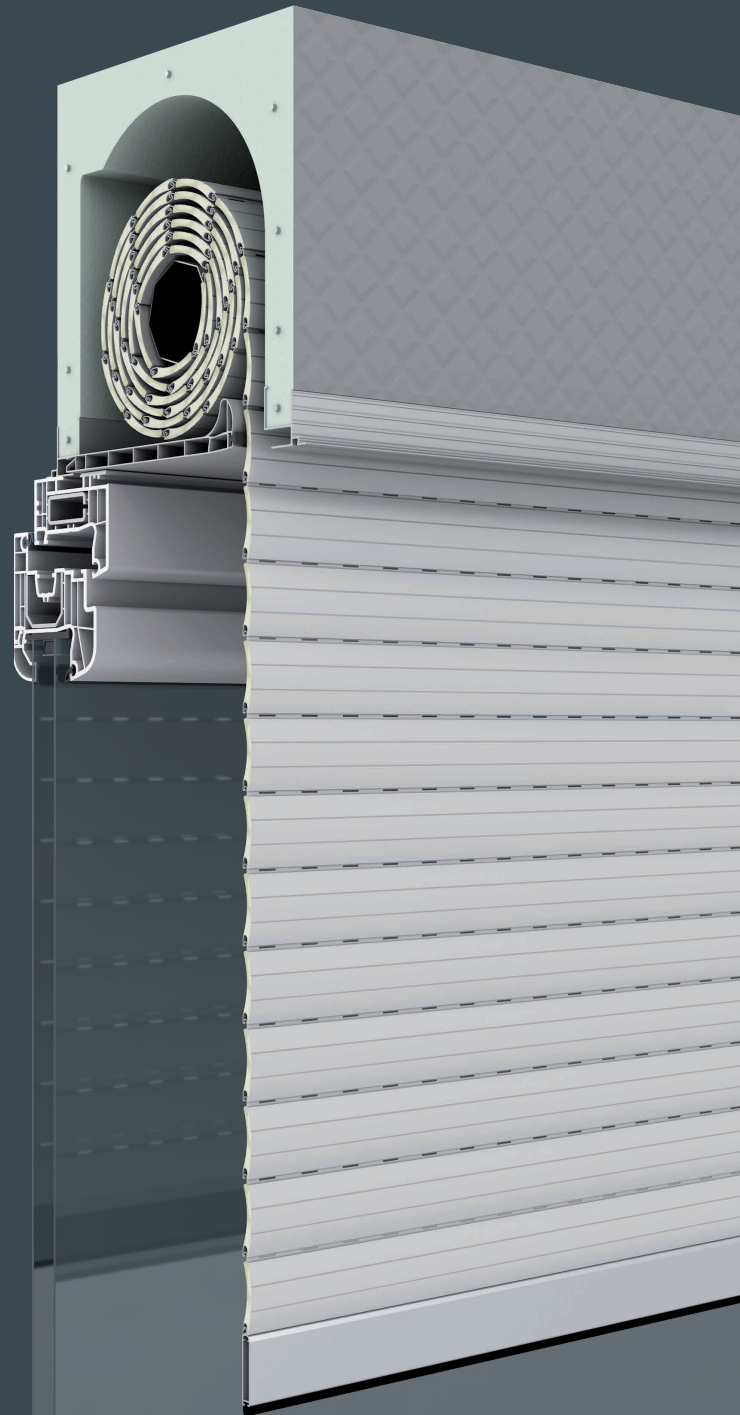
This new box is designed and manufactured to provide the highest levels of comfort, safety and value for both users and professionals in the architecture and construction sectors.

A BOX THAT IS ALWAYS ACCESSIBLE

Roka-Therm XP is characterised by a well thought-out design. Its inspection cover, and the side end caps that are included, allows the inside of the box to be accessed at any time.

Because the material used is a special type of polystyrene, the Roka-Therm XP box is lightweight and can be transported to the installation site without a crane.

With a manufacturing capacity of up to 6 metres in length, it can be perfectly adapted to the needs of any building.





THERMAL INSULATION

Provides excellent insulation, as it is made of EPS with a density of $\pm 30 \text{ kg/m}^3$.



ACOUSTIC INSULATION

Its structure prevents noise from filtering through the system.



VERSATILE

Easy to install, it can be driven by a belt, a motor or a universal joint.



RESISTANT

The inner rods have an internal reinforcement structure that is made of S235 steel, guaranteeing total stability.



AIRTIGHT

Its sealing mats prevent air currents from entering.

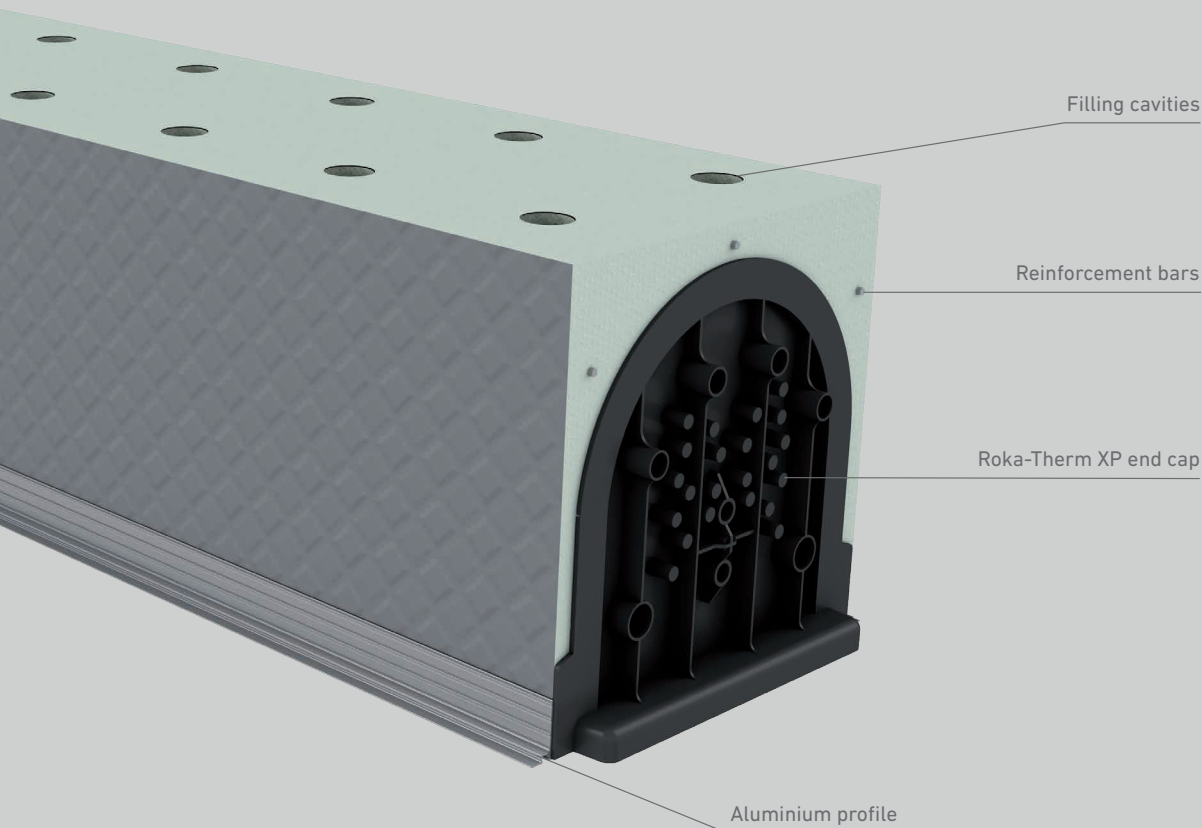
A SECURE SOLUTION THAT ADAPTS TO THE STRUCTURE OF EACH BUILDING

This special polystyrene box provides excellent insulation.

The material is environmentally compatible, energy efficient and it conserves resources. Its reaction to fire complies with the requirements of Euroclass E, in accordance with DIN EN 13501-1.

As it is made from lightweight materials, the Roka-Therm box is very easy to transport by hand.

Its design includes filling cavities that can be optimally anchored in concrete lintels and, therefore, safely connected to the structure of the building.



TYPES OF INSTALLATION



External Placement



Central Placement



Internal Placement

THERMAL INSULATION (according to DIN EN ISO 10211)

BOX	EXTERNAL PLACEMENT	CENTRAL PLACEMENT	INTERNAL PLACEMENT
Roka-Therm XP 25	1.55 W/m ² K	1.45 W/m ² K	2.00 W/m ² K
Roka-Therm XP 28	1.46 W/m ² K	1.37 W/m ² K	1.64 W/m ² K
Roka-Therm XP 30	1.46 W/m ² K	1.38 W/m ² K	1.68 W/m ² K
Roka-Therm XP 36.5	1.81 W/m ² K	1.48 W/m ² K	1.72 W/m ² K

ACOUSTIC INSULATION (according to UNE-EN ISO 10140-2)

The airborne sound insulation value (according to UNE-EN ISO 10140-2), with the blind rolled up, is 52 (-1;-4) dB.





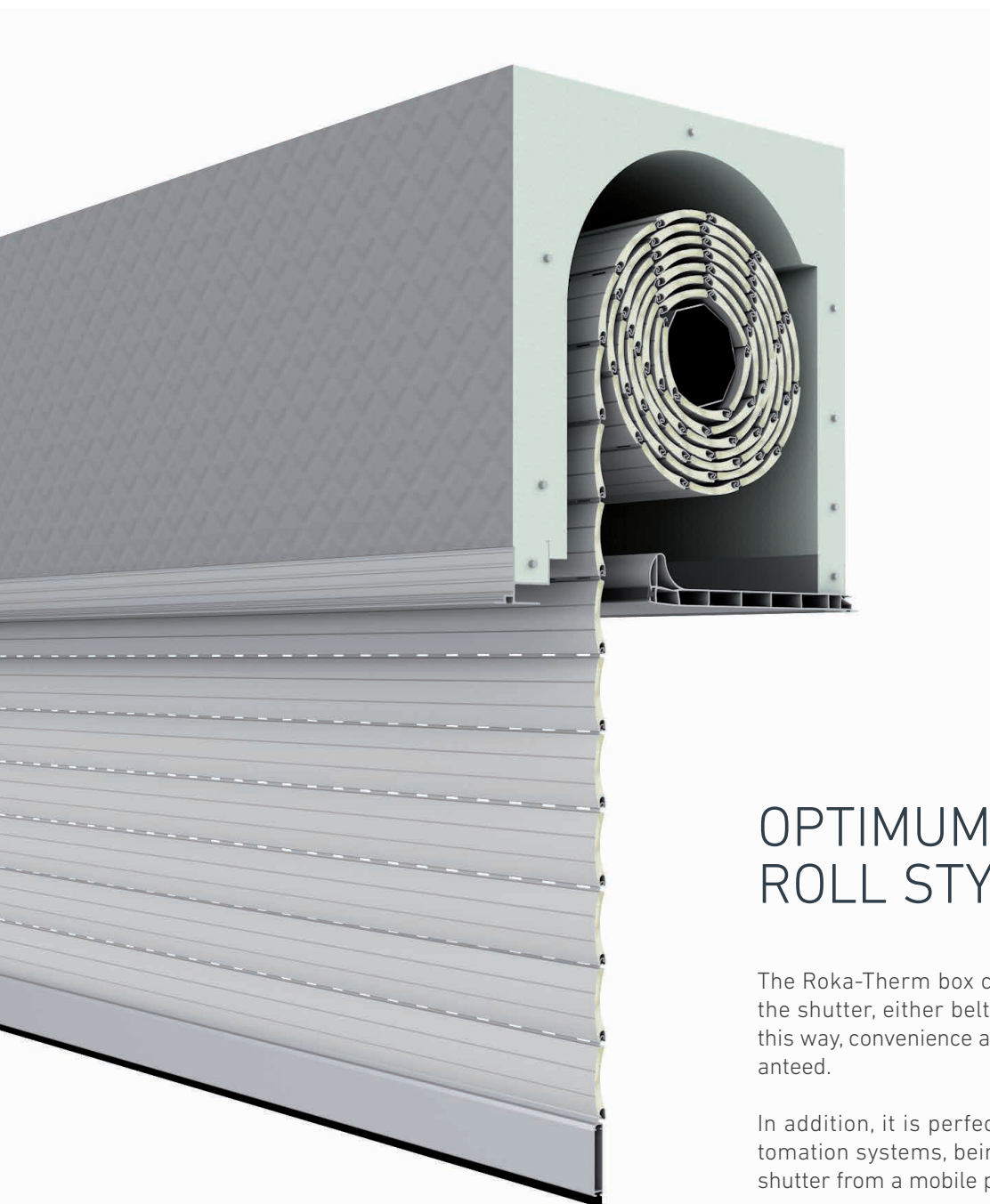
PROTECTION FOR LARGE WINDOWS

Facades with large windows are becoming increasingly popular in modern architecture. The light that they provide and the unobstructed views of surrounding nature are highly sought-after, both for architects and designers.

Roka-Therm XP, at a length of up to 6 metres, guarantees protection and insulation for openings in this style of construction.

MASONRY BRACKETS

These roll-up systems can be quickly and easily integrated into the masonry during the construction phase of the building's exterior. The size of the bracket may vary depending on the type of operation and the size of the box.

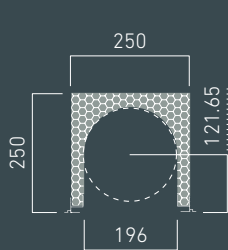


OPTIMUM ROLL STYLE

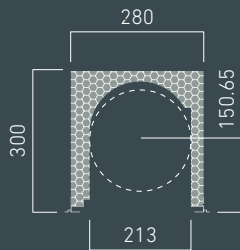
The Roka-Therm box can use any type of drive for the shutter, either belt, motor or universal joint. In this way, convenience and usability are always guaranteed.

In addition, it is perfectly suited for installing automation systems, being able to operate the inside shutter from a mobile phone from anywhere.

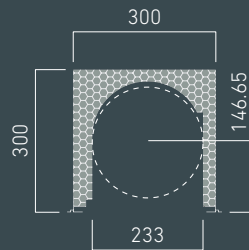
SIZES OF BOX



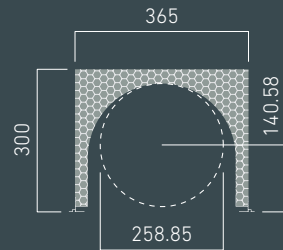
Roka-Therm XP 25



Roka-Therm XP 28



Roka-Therm XP 30



Roka-Therm XP 36.5

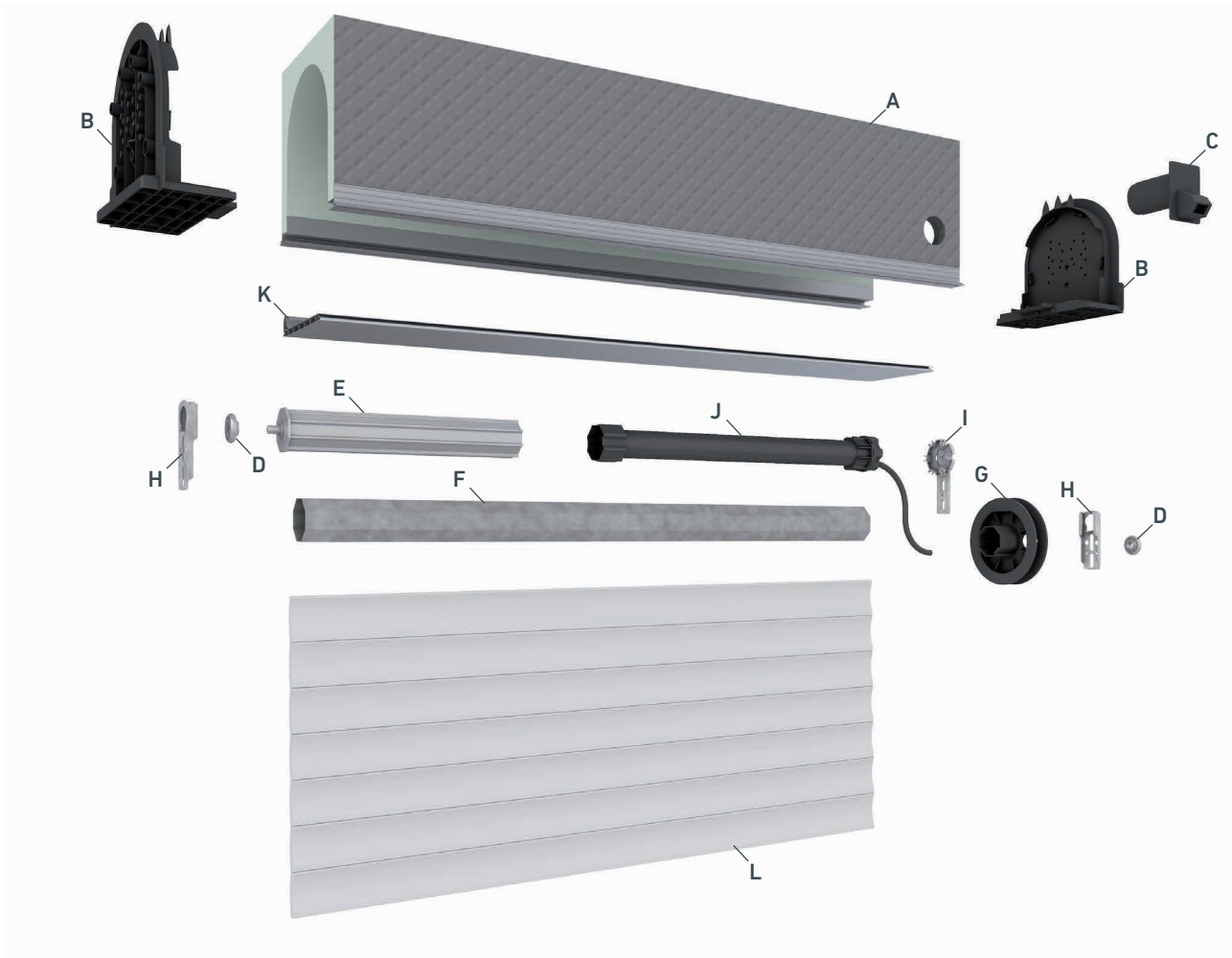
RECOMMENDED BOX BASED ON HEIGHT

SLAT	MAXIMUM PERMISSIBLE HEIGHT INCLUDING BOX			
	Roka-Therm XP 25	Roka-Therm XP 28	Roka-Therm XP 30	Roka-Therm XP 36.5
Alugix-39.5	3.00	3.60	-	-
Alugix-42	2.60	3.20	3.80	-
Alugix-45	2.20	3.00	3.60	-
Alugix-50	2.20	2.80	3.50	-
E-45	2.80	3.60	-	-
PS-40	2.20	2.80	3.50	-
PM-49 Microperforated	1.60	2.10	2.60	3.60
PS-40 Self-locking	2.00	2.70	3.40	-
PM-45 Self-locking Micro.	1.30	1.70	2.10	3.60
PS-48 Self-locking	2.00	2.60	3.40	-
PS-64	1.00	1.60	2.20	3.60
PS-65 Self-locking	0.80	1.40	2.00	3.60
PS-25 R	1.15	1.50	2.10	2.80

Measurements in m.



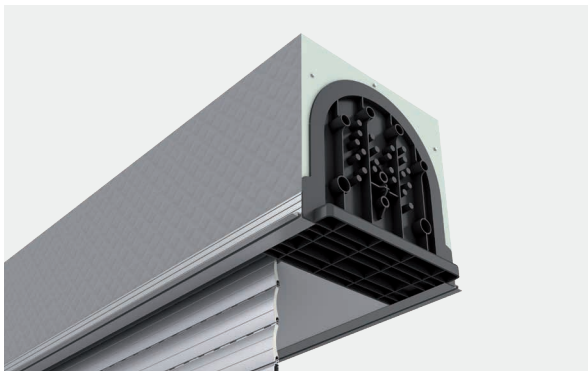
ROKA-THERM XP BOX EXPLODED VIEW



COMPONENTS

A Roka-Therm XP insulating box	D Bearings	G PVC disc	J Tubular motor
B Set of Roka-Therm XP end caps	E Telescopic axle	H Set of brackets with bearings	K PVC inspection cover
C Roka-Therm XP tape holder	F Octagonal metal axle	I Adjustable bracket and fixing clip	L Slats

SIDE END CAPS



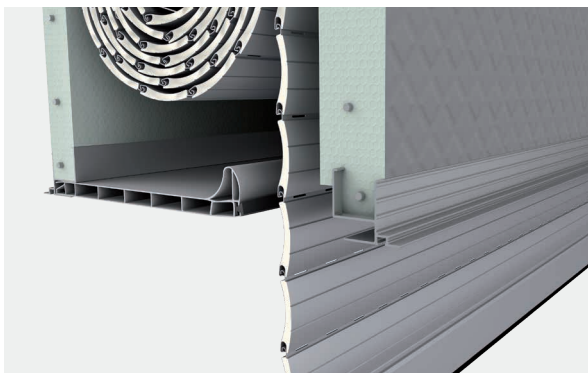
The side end caps include a masonry bracket and are designed to be symmetrical. This not only reduces storage space, but also avoids installation errors.

CENTRAL END CAPS



These plates allow two or more individual blinds to be installed in a single box. They are simply inserted into the system and screwed in on three sides.

INSPECTION COVER



These profiles are available as 6-metre-long pieces in three widths: 180, 200 and 280 mm. By shortening the covers, they can be adapted to suit various types of installation.

PROFILE TRIM



Compatible with all sizes of box, this aluminium profile is quickly and easily installed thanks to a double-sided tape, which sits flush with the lower aluminium profile of the box.

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