

NEW



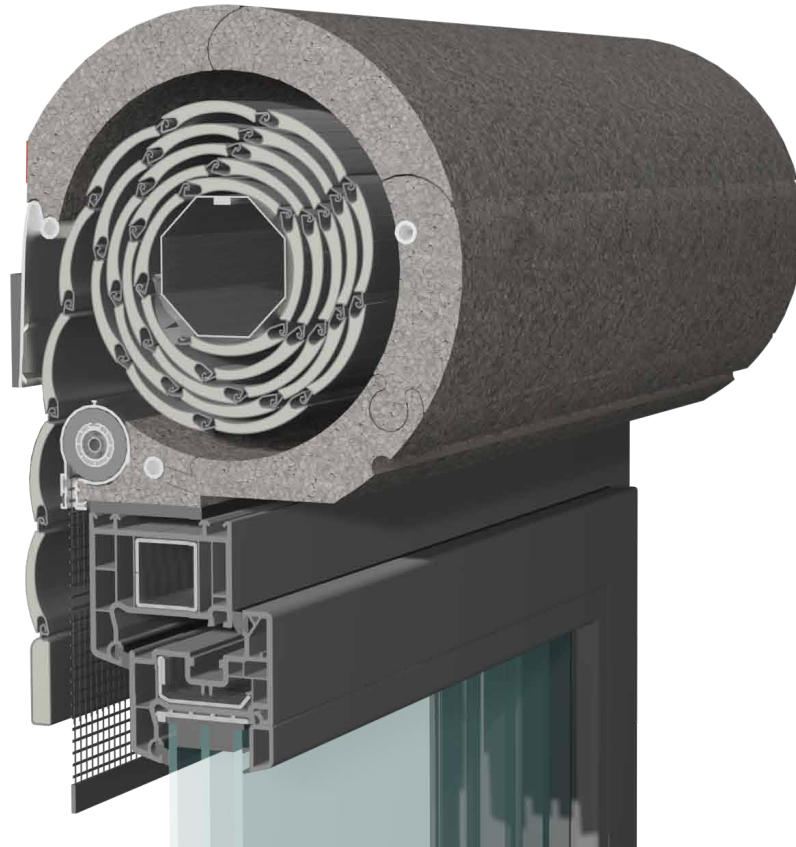
THERMO FR

Renovation for the roller shutter box

With and without window replacement

THERMO FR

The optimal solution for the renovation of roller shutter boxes



Older roller shutter boxes are often one of the greatest weak points in the thermal insulation of residential buildings.

They are often insufficiently insulated or not insulated at all and thus form a considerable thermal bridge through which the expensively generated thermal energy is quickly lost again.

Leaks also cause draughts and reduce living comfort.

The newly developed **PRIX Thermo FR** renovation system provides a simple remedy.

Variant 1: PRIX Thermo F with simultaneous replacement of the old windows.

Variant 2: PRIX Thermo R, if the existing windows are to remain.

For both variants, **PRIX Thermo FR** offers an optimal solution that is easy and clean to install. Result: The heat remains in the house, the living comfort is significantly improved.

In any case, the old roller shutter box remains in place, so there is no need for costly masonry work.

The advantages of PRIX Thermo FR

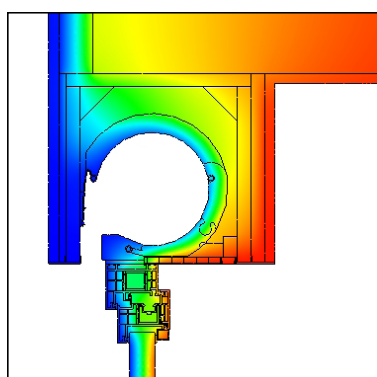


- The professional and durable solution for renovating old roller shutter boxes.
- Brings thermal insulation up to the latest standards, saves energy and increases living comfort.
- The air layer around the PRIX Thermo FR additionally improves the thermal insulation.
- Very simple and quick installation without interfering with the façade.
- Use together with a new window or without replacing the window.
- PRIX Thermo FR fits every type of window - regardless of whether it is a timber or PVC window.
- Available with motor or belt drive.
- Modern roller shutter hangings made of aluminium or plastic.
- Optionally with insect protection roller blind.

BEFORE
the renovation



AFTER
the renovation with
PRIX Thermo FR

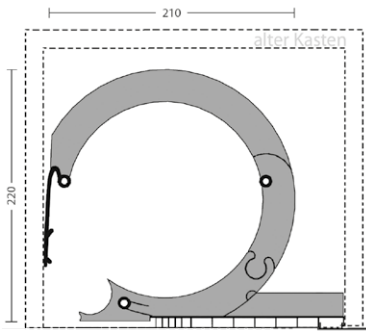


Thermal image roller shutter box with **PRIX Thermo FR**

Exemplary representation for illustrative purposes

Exemplary improvement of thermal insulation with PRIX Thermo FR

Thermal insulation values	Old box		Improvement		Old box		Improvement	
	uninsulated	with Thermo FR	absolute	relative	lightly insulated	with Thermo FR	absolute	relative
U-value in W/(m ² K)	2,39	1,06	-1,33	-56%	1,64	0,84	-0,80	-49%
Ψ in W/mK	0,67	0,22	-0,45	-67%	0,60	0,27	-0,33	-55%
fRsi	0,62	0,72	0,10	+16%	0,62	0,72	0,10	+16%



Maximum element sizes

Hanging	PVC 37	Alu 37
Welle (mm Ø)	40	40
max. element height (mm)	2.600	2.600
max. element width (mm)	1.600	3.000
max. curtain area (m ²)	3,0	7,0

Minimale Elementbreiten

Type	PRIX Thermo FR
Width (mm)	210
Height (mm)	220
min. inside width* (mm)	220
min. inside height* (mm)	230

* old box

Belt drive	
min. width (mm)	600

Motor drive	Rojaflex ELIS/ELFIS 13/14	Rojaflex MLS-10/17 Mini	Somfy Ilmo 2 40 WT
min. width (mm)	800	600	660

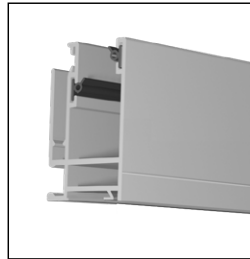
Guide rails



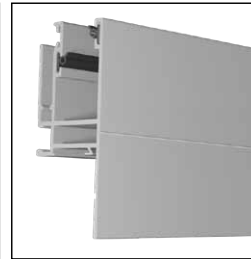
Aluminium guide rail standard;
40 x 22 mm



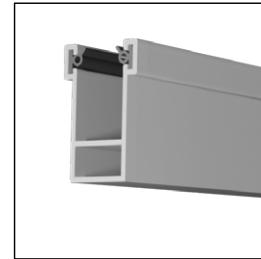
Standard aluminium guide rail with
bracket; 63 x 22 mm



Aluminium guide rail IS
(for insect screen); 43 x 29 mm



Aluminium guide rail IS with flap (for
insect screen); 63 x 29 mm



Aluminium insertion guide rail;
35 x 16 mm

In Zusammenarbeit mit:



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