



Energy renovation
of the window opening

Energetic requalification of the window opening

Recently, the attention towards energy saving, renewable energies and the rational utilization of energy resources has been exponentially growing.

Italy, as many other western countries, has a negative energy balance, so it is forced to find sources of primary energy, such as oil, methane gas or charcoal abroad.

To improve this situation, everyone can contribute to the energetic requalification of the private houses.

According to recent studies carried out by ENEA, the more affordable energy saving interventions - thinking to value for money - are the requalification of the window frames (see Table 1): insulation of the old roller shutter box and installation of new weatherstrips.



Fig 1. Renova system



Fig 2. Installation of weatherstrips

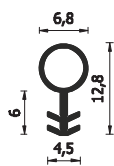
In this regard, Roverplastik promotes the requalification of the window opening with two types of interventions: Renova system for the roller shutter box requalification and the kit for the window/door frame renovation.

The table below shows the payback time of the energetic requalification. It is calculated considering the price of the fuel, the average cost of each material used and the obtained energy saving, without considering the possible deductions.

Interventions	Climate zones		
	D	E	F
	Payback time		
Weatherstrips	Less than 4 years	Less than 2 years	Less than 2 years
Requalification of the roller shutter box	Less than 6,5 years	Less than 4 years	Less than 2 years

Table 1

A 109 K

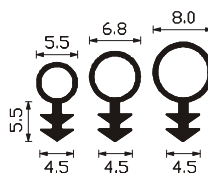


Scatole da 462 m Imb W05
Colori: marrone - bianco - beige

462 m boxes W05 Pkg
Colours: brown - white - hazel brown

A =	3-5 mm	B =	-
C =	7 mm	D =	3,5 mm

A 109 S 80 - A 109 S 68 - A 109 S 55

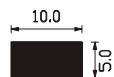


Scatole da 200 m
Colori: marrone - bianco - beige - nero

200 m boxes
Colours: brown - white - hazel brown - black

A =	da 2 a 6mm	B =	-
C =	6 mm	D =	3,2 mm

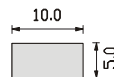
A 110



Spessore 5 mm - Larghezza 10 mm
Scatole: 260 m Colori: nero
Guarnizione autoadesiva <Aerstop> in gomma espansa a cellule chiuse. Tutte le misure disponibili.
Thickness 5 mm - Width 10 mm
260m Boxes Colours: black
<Aerstop> self adhesive sealing strip of expanded rubber with closed cells. All sizes available

A =	-	B =	-
C =	-	D =	-

A 115



Spessore 5 mm - Larghezza 10 mm
Scatole: 200 m (100 pezzi da 2 m)
Colori: grigio
Tutte le misure disponibili.
Thickness 5 mm - Width 10 mm
200m Boxes (100 pieces, 2m each)
Colours: grey
All sizes available.

A =	-	B =	-
C =	-	D =	-

Accessories for renovations

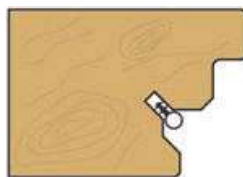


MOD. A25 - Cutter

The perfect tool for the windows and doors insulation. It is easy to use and allows great energy saving. Suitable for installing weatherstrips on any type of window/door frames, it can be used with different angles of cutting and can be connected with a vacuum cleaner for easy, fast and clean work. The A109 weatherstrip it is expressly shaped to fill voids of different dimensions and can be removed very easily during painting; either normal or silicone (K o S) models are available and it is produced in different sizes.



Support for "wolf throat" or "knuckle"



Installation of the weatherstrip in the corner of the rebate with a 45° groove

