



Roller door profile ISO-SL

fast, quiet,
and insulating.

ferdinand
braselmann.de

Vielfalt mit Profil

Roller door profile ISO-SL



Thanks to its slightly curved inside PVC slat this profile moves very quietly. The new soft PVC strips on the curved inside enable reduction of noise even at high speeds of up to $V_{\max} = 1.7$ m/sec.

The inside PVC slat provides thermal separation as well, especially at the hinge joints, which are additionally covered by a soft PVC lip.

This roller shutter profile serves a wide range of purposes, especially when required for opening and closing quickly, low noise level and good insulation.

* A two-color back is also available on request at no extra charge. Its inside PVC slat in a discreet dust gray (similar to RAL 7037) is intended to hide possible signs of abrasion and other dirt. It forms a delicate contrast with the soft PVC strips in light gray (similar to RAL 7035).

• technical details

insulated PU-filled profile
 slats on 1 m height: 10
 thickness of slats: 23 mm
 thermal transmission coefficient (steel) $U_{st} = 2.5$ W/(m²*K)

inside
 hard/soft PVC slat with special soft PVC strips

outside
 aluminium, material thickness 1.00 mm or 1.25 mm
 (other materials on inquiry)

• weight

1.00 mm aluminium ~ 9.9 kg/m²
 1.25 mm aluminium ~ 11.1 kg/m²

• maximum door size at windclass 2 (without storm hooks)

1.00 mm aluminium W 5500 mm x H 5500 mm
 1.25 mm aluminium W 6500 mm x H 6000 mm

• calculated bale diameter

opening height	tube diameter			
	159 mm	178 mm	194 mm	219 mm
2 m	360 mm	370 mm	390 mm	400 mm
2.5 m	380 mm	380 mm	390 mm	400 mm
3 m	420 mm	430 mm	450 mm	440 mm
3.5 m	420 mm	430 mm	460 mm	450 mm
4 m	470 mm	480 mm	500 mm	450 mm
4.5 m	470 mm	480 mm	500 mm	500 mm
5 m	490 mm	490 mm	500 mm	500 mm
6 m	520 mm	530 mm	540 mm	550 mm

(If a sealing strip is applied the bale diameter increases for at least 20-30 mm)