



High Quality Aluminium Roll Formed  
**Roller Shutter Profile 100 D**

great stability,  
clear lines.

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Diversity in profiles

# Roller shutter profile 100 D



The great stability and clear lines make the 1.100 D roller door profile a popular classic.

Specialties include a suitable sealing lip profile, tests for sound and thermal insulation and gunfire protection for certain models and certification as a terrorism-protection roller door for one special model.

Also available with coloured coating in all RAL-colours upon request.

## • material thickness [mm]

	0.80*	1.00	1.25*	1.50*
steel*	•	•	•	•
aluminium	•	•	•	•
aluminium pcc*	•	•	•	
stainless steel*	•	•	•	

pcc = plastic coil coating

## • maximum door width [mm] at wind class 2

	0.80*	1.00	1.25*	1.50*
aluminium	6100	6800	7800	8600
stainless steel*, steel*	8500	9900	10700	11800

The stability under load of roller shutter doors can be increased by heightened stiffness of the bottom rail, e.g. additional reinforcement sections.

\* on request

## • technical details

slats on 1 m height	10
thickness of slats	ca. 23 mm
suitable top and bottom rails	1.1278, 1.1230

## • weight per m (m<sup>2</sup>)

aluminium	1.0 kg (10 kg)
steel*, stainless steel*	2.75 kg (27.5 kg)
calculated values at material thickness of 1.0 mm with polystyrene filling.	
Weight may vary according DIN.	

## • thermal transmission coefficient (steel)

aluminium	4.5 W/m <sup>2</sup>
steel*, stainless steel*	4.39 W/m <sup>2</sup>

## • calculated bale diameter [mm] (with top rail 1.1230)

opening height	tube diameter [mm]						
	159	178	194	219	267	324	368
2 m	360	370	390	400	400		
2.5 m	380	380	390	400	460	450	490
3 m	420	430	450	440	460	500	550
3.5 m	420	430	460	450	490	500	550
4 m	470	480	500	450	500	550	550
4.5 m	470	480	500	500	500	550	590
5 m	490	490	500	500	550	550	590
6 m	520	530	540	550	560	600	590
7 m		560	570	550	610	600	640
8 m			590	600	610	650	680
10 m				660	660	680	700

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