



Wind Resistant Roller Shutter

SS09

Product Specification / Features

Product Code:	SS09
Max Width	8m
Max Height	8m
Weight per sqm	10-15
Lath Height/Profile	77mm
Single/Twin Skin?	Twin
Material	Steel
Guide Depth	50,65,75,100
Plate Size	203-510mm
Colours Available	Full RAL
Punch/Perf Available?	Enquire



Additional Information

What are Wind Resistant Roller Shutters?

One of the biggest challenges for roller shutters, particularly ones which cover large openings, is how they face up to windy conditions. High wind speeds can cause very high pressure forces to act on the shutters, and if they are not adequately equipped to face these conditions, then damage is almost always caused as a result.

For this reason most shutters do have some level of wind resistance factored into their design. However, for particularly drafty locations such as maritime or high-altitude buildings, it is necessary to factor in the tougher conditions the shutters are likely to face.

Roller Shutters become more wind resistant by using wind locking guides and lath. This is a mechanical design that prevents the curtain of the shutter from flexing too heavily and blowing out of the guide channels.

How is Wind Resistance Measured?

The performance or level of a roller shutter's wind resistance is displayed as 'Wind Class' on a specification, specifically when in relation to EU Regulation EN 13659.

This is what the regulations mean in Pascals (Pa) and windspeed (m/s)

Wind Class	1	2	3	4	5	6
Pascals	75	100	150	250	400	600
Wind Speed	11.2	13	15.8	20.4	25.9	34.9