

# Halcon Doors

## Roller Doors

Security, Commercial & Insulated Shutters

### PRESSURE STRESS VALUES OF ROLLING SHUTTERS MANUFACTURED BY HALCON DOORS LTD

Pressure stress values or in industrial terminology "Characteristics of resistance to the wind" is arranged by rule UNI EN 13659:04 issued in European Community.

The values are expressed in Newton per square meter units.

1. Newton/square meter N/M<sup>2</sup> = 1 Pascal Classes established by above mentioned are as follows:

Class	0	1	2	3	4	5	6
Nominal pressure (N/m <sup>2</sup> )	<50	50	70	100	170	270	400
Security pressure (N/m <sup>2</sup> )	<75	75	100	150	250	400	600

Slats for rolling shutters & rolling doors manufactured by Halcon Doors Ltd are given below

Name of the slat	Specification
77mm standard density polyurethane filled rollformed aluminium slat <b>TAP.N.077</b>	Made of special alloy & tempered aluminium, 50kg/m <sup>3</sup> density polyurethane foam
77mm standard density polyurethane filled, rollformed pvc coated galvanised steel slat <b>TSP.N.077</b>	Made of special alloy pvc coated hot dipped galvanised steel. 50kg/m <sup>3</sup> density polyurethane foam
77mm extruded aluminium slat <b>TAE.0.077</b>	Special alloy extruded aluminium slat for heavy duty use