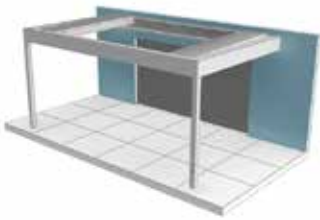


TABLE 1A: CALCULATE RETRACT ROOF SPANS



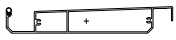
OVERHEAD RETRACT ROOF



REFER STUDIO 89 PS1

WIND ZONE		L	M	H	VH	EH
Ultimate design factored wind speed at building		115km/h	133km/h	158km/h	179km/h	198km/h
		32 m/s	37 m/s	44 m/s	50 m/s	55 m/s

RETRACT ROOF LOUVRE (3m ROOF HEIGHT)		L	M	H	VH	EH
220/35 SLIMLINE ROOF (SPIRAL COMPATIBLE) 		4300	4300	4200	4000	3500
220/45 ALPINE ROOF (SPIRAL COMPATIBLE) 		5000	5000	5000	5000	5000

RETRACT ROOF LOUVRE (6m ROOF HEIGHT)		L	M	H	VH	EH
220/35 SLIMLINE ROOF (SPIRAL COMPATIBLE) 		4300	4300	4050	3500	3150
220/45 ALPINE ROOF (SPIRAL COMPATIBLE) 		5000	5000	5000	5000	4700

SNOW LOADS

REFER ENGINEERING SECTION, PAGES 13.31 & 13.32 for Snow Load information.