

GLIDEROL® 'Alfresco' Roller Shutters

Application:

Gliderol 'Alfresco' Roller Shutters are suitable for use in commercial or residential openings of up to **3.5 m wide x 3 m high** in a single panel. Larger openings are recommended to be motorised. It employs the same design principles and components as the Roller Door, except for the curtain material, which consists of 76mm x 0.6mm thick galvanised steel interlocking slats. The entire concave portion of these slats contains 3.3mm diameter perforations spaced at 4.9mm staggered pitch which gives excellent airflow through a total perforated surface area of approximately 40.5%. This results in a roller shutter door with a 'see-through' effect which also offers excellent ventilation and at the same time, precludes the possibility of things like cigarette butts being thrown into the premises. It is therefore preferred over the conventional method of punching slots through the slats for ventilation. The scroll edges of the slats are not perforated to avoid weakening the interlocking joints.

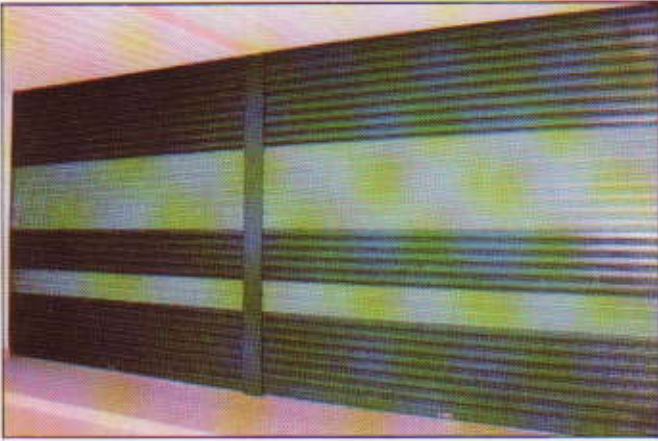
'Alfresco' shutters are recommended to be powdercoated because the coating thickness adequately covers the burrs of the perforated edges, smoothening out any sharp edges. Powdercoating also offers greater flexibility in colour choice, an advantage greatly appreciated by most of today's Architects.

SPECIFICATION

The GLIDEROL 'Alfresco' Roller Shutter is architecturally specified as a manually operated Roller Shutter constructed of 76 x 0.6 thick galvanised steel interlocking slats in powdercoated finish, with approximately 40.5% of the concave surface perforated to achieve a 'see-through' effect with good airflow. The scroll edges where the slats interlock must not be perforated. The drum assembly shall consist of a rigid corrugated torque-tube containing suitably graded oil-tempered torsion springs secured to nylon drumwheels. The edges of the slats shall be fitted with proprietary nylon end-clips secured to alternate slats to prevent lateral movement of the slats. The bottomrail shall consist of a single-length aluminium extrusion with the base of the rail containing two slots to retain a seamless finned PVC weatherseal. The guides shall also be a proprietary extruded aluminium section with slots at the lips to retain a seamless PVC strip designed to prevent metal-to metal contact for smoother and quieter operation. Consequently, the guide channels shall not require initial and periodic greasing to aid door operation.

Electrically operated doors shall be as above described but containing a proprietary motor operator installed within the door roll. The control box shall feature push-button controls and built-in auto-stop safety device. The system must be convertible to manual operation at arm's reach and have remote control and power back-up capabilities.

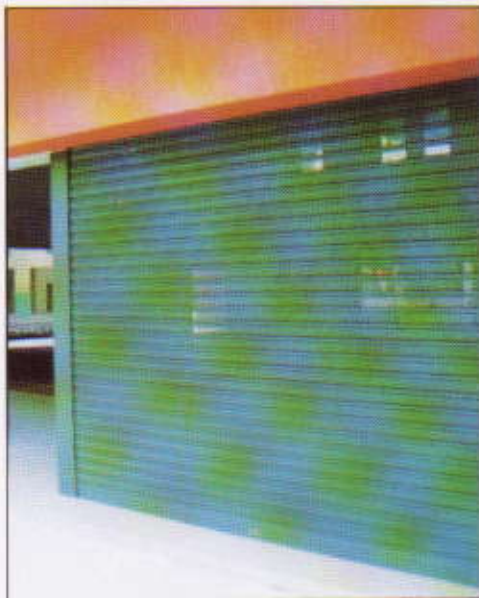
Note:- Any desired special operating requirements should be specifically stated. A manufacturer's warranty certificate with the desired warranty period should be obtained.



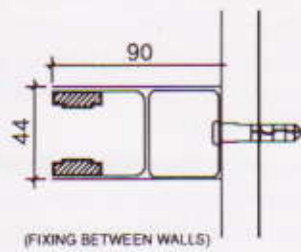
Interesting combination of partial 'Alfresco' for specific effects



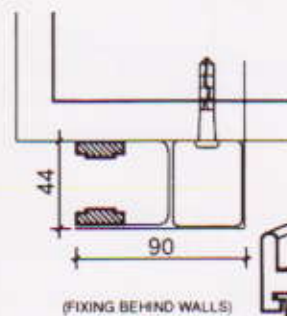
Excellent 'See-through' effect from inside the premises.



FRONT VIEW

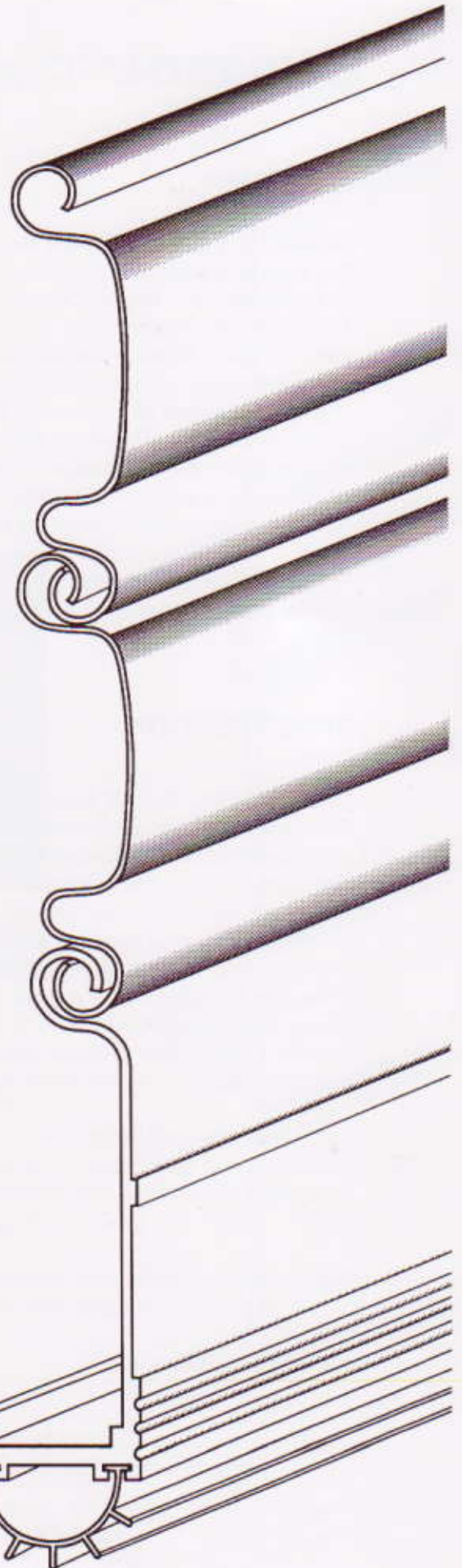


(FIXING BETWEEN WALLS)



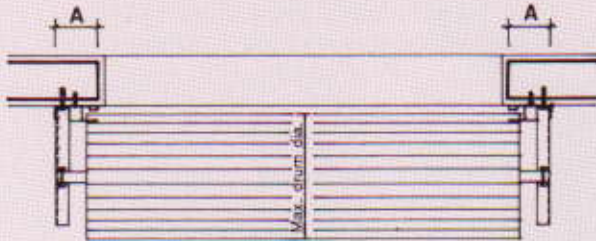
(FIXING BEHIND WALLS)

GUIDE DETAILS
TYPE R76

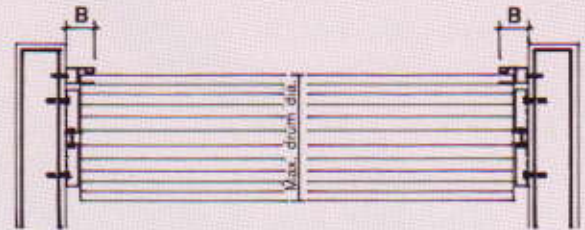


TYPICAL FIXING DETAILS

MANUAL MODEL

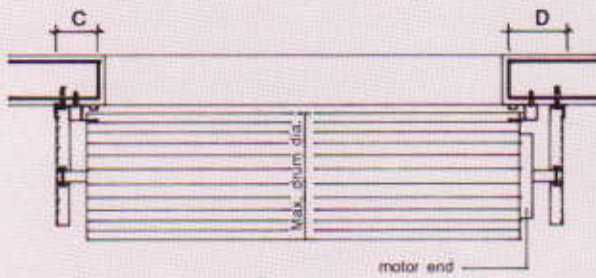


FIXING BEHIND WALLS

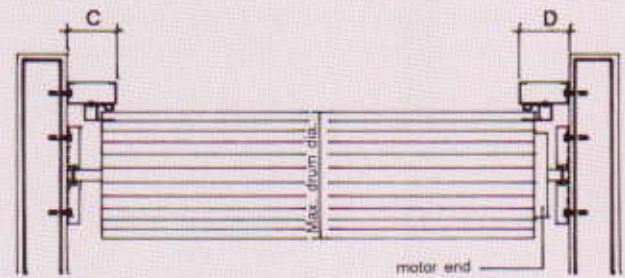


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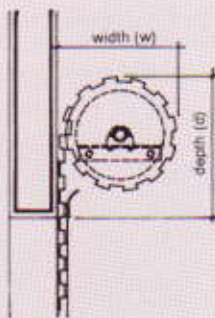
AUTOMATIC MODEL



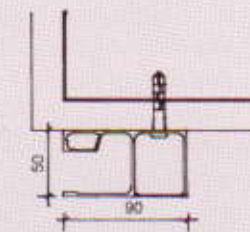
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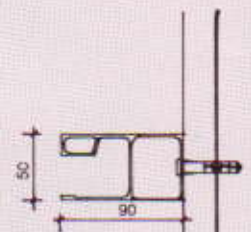
FIXING BETWEEN WALLS



SECTION (HEADROOM)



(FIXING BEHIND WALLS)



(FIXING BETWEEN WALLS)

GUIDE DETAILS
TYPE RDA

MINIMUM SIDE ROOM AND HEADROOM REQUIREMENT (in millimetre)

DOOR HT. (up to)	MAX. DRUM DIA.	A	B	C	D	HEADROOM	
						w	d
1120	400	100	90	100	150	420	440
1700	420	100	90	100	150	440	460
2280	440	100	90	100	150	460	480
2860	460	100	90	100	150	480	500
3000	480	100	90	100	150	500	530

We reserve the right to improve or alter details without notice.