



Metalbilt Clearspan Shutters

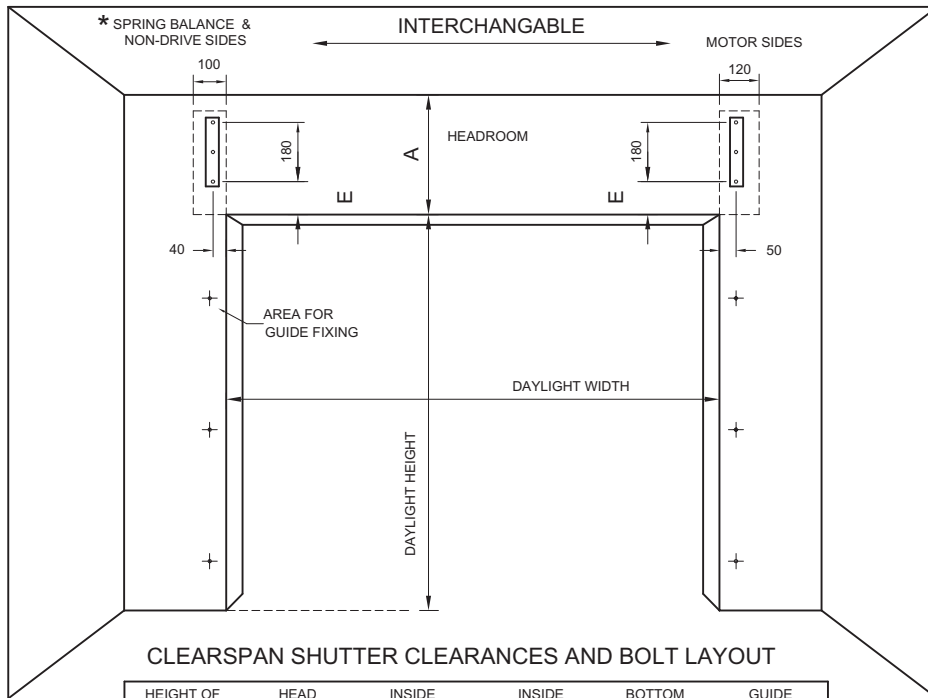
Applications

Shop fronts, bar tops, counter tops, pedestrian openings, arcades or anywhere that clean lines and visibility are desired.

Features

- Curtains are constructed from extruded polycarbonate slats that allows viewing of your merchandise day and night.
- High visibility along with dust free and vermin proof protection.
- Operation by spring balance or motorised.
- Fixed or removable mullions options are available.
- An extensive range of powder coating colours can be offered.
- Grilles are custom made to fit the size of opening and structure of building.
- Sales Asia Oceania wide.
- Branches in Auckland, Wellington and Christchurch.

**50 years of manufacturing experience and continuous refinement.
Service and repairs, 24 hours a day, on all makes of commercial doors.**



CLEARSPAN SHUTTER CLEARANCES AND BOLT LAYOUT

HEIGHT OF OPENING (m)	HEAD ROOM A	INSIDE PROJECTION SPRING BALANCE D	INSIDE PROJECTION MOTORISED D	BOTTOM FIXING POINT E	GUIDE PACKER SIZE F
Up to 1.25	350	300	550	90	0
Up to 2.0	370	330	580	90	0
Up to 3.0	390	360	600	100	40
Up to 4.0	420	-	615	115	50

* Low sideroom option minimum 50mm - Refer to factory
 Maximum Spring Balance Size = 3m High x 4m Wide
 Maximum Motorised Size = 4m High x 5m Wide

CURTAIN

Clear polycarbonate slats joined with extruded aluminium rails at 100mm nominal pitch. Each rail is fitted with a nylon end lock to control lateral movement. The slats can be replaced individually if damaged. Fitted to the lower edge of the curtain is an extruded aluminium bottom bar.

GUIDES

Specially extruded aluminium channel 40mm x 30mm. Guides screwed to jambs at max. 600mm centres. Each guide is constructed with a bell mouth to facilitate smooth entry of the curtain.

FINISH

Clear anodised or powder coated.

BARREL

Barrels are fabricated from mild steel tube with a minimum diameter of 165mm and of sufficient wall thickness to ensure that nominal deflection does not exceed safe working conditions. Helically wound counterbalance springs are contained within the barrel.

SECURITY

Flush mounted lock with various keying options.

OPERATION

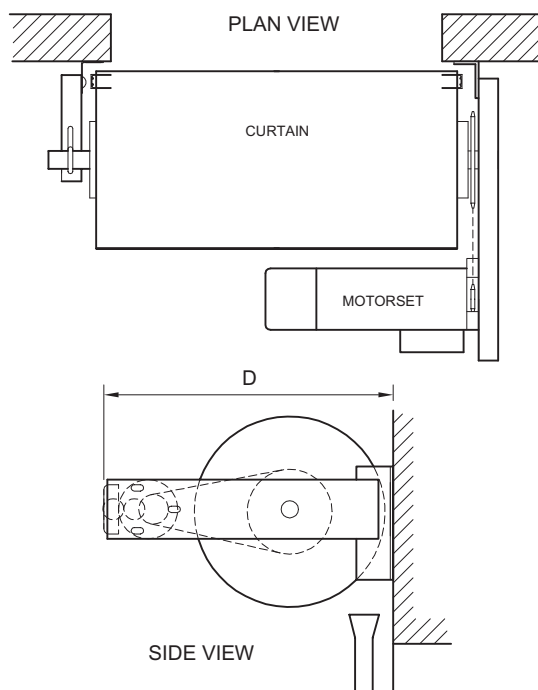
Spring balanced or motorised. Motorised shutters have single phase motorsets with adjustable limit switches and control pendant. Operating speed is approximately 200mm per second. The motorsets incorporate an automatically engaging handchain for use during power failures. Battery backup systems are available.

Key switches and door controllers to accept signals from a range of activation features are also available. Special motorising options and barrel mounting methods are available on request.

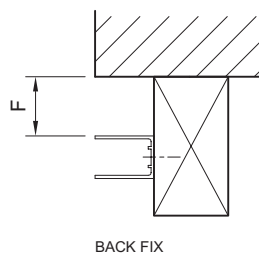
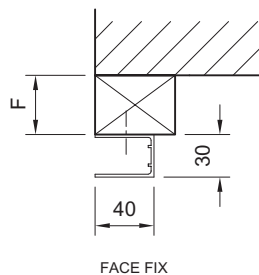
Standard doors meet the 5 year durability requirements of the N.Z.B.C. Details available on request.

SPRING BALANCE & NON-DRIVE SIDES

MOTOR SIDES



GUIDE DETAILS



We reserve the right to alter specification without notice and without incurring obligation

Auckland

PO Box 71 169 Rosebank
 26 Timothy Place, Avondale
 Telephone: 09 828 1167
 Fax: 09 828 6358
 mbilt.auck@tycoint.com

Wellington

PO Box 38 933 W.M.C
 55 Cuba Street, Petone
 Telephone: 04 568 2933
 Fax: 04 568 7337
 mbilt.well@tycoint.com

Christchurch

PO Box 6033, Upper Riccarton
 60 Lunns Roads, Middleton
 Telephone: 03 338 2600
 Fax: 03 338 4386
 mbilt.chch@tycoint.com