A14

external sliding system

175kg max panel weight

3m (h) x 4m (w) max panel size

side or top-fixed tracking

precision-ground bearings

A14: SLIDING SYSTEM

PRECISION BEARING SLIDING SYSTEM FOR INTERNAL & EXTERNAL PANELS TO 175KG

A14 SPECIFICATIONS	
max panel weight	**175kg**
max panel height	**3000mm**
max panel width	**4000mm**

Suited to both internal and external applications A14 allows 175 kilogram panels as large as three by four metres in size to slide parallel to each other or on a single track. Allowing panels, shutters and screens to be removed and replaced in seconds, the system's precision bearings mean finger-tip control over the most substantial of residential and light commercial openings. Simple side-fastening is possible by screwing directly through the head track, while a diversity of side and head-fix bracket alternatives make for maximum flexibility in door configuration possibilities.

CARRIER OPTIONS

A range of A14 carriers is available, each with a rated panel weight for reliable product performance. Options include 2 or 4 wheeled carriers and nylon tyres. All carriers feature precision-ground steel ball bearings. Nylon tyred carriers used with aluminium tracking produce whisper-quiet operation.

TRACKING

Track is available in extruded aluminium and can be supplied in mill finish, natural or gold anodised and custom powdercoat.

FLOOR GUIDES

Door bottoms can be secured with either a fixed blade guide inside a groove in the door or using a roller guide sliding in a channel, attached to either the bottom of the door or to the floor.

STRAIGHT SLIDING CONFIGURATIONS

Single sliding clear of opening

Bi-parting sliding clear to each side of opening

Parallel sliding clear to same side of opening

Parallel sliding opposite direction behind partition

SPECIFYING A14

Architects and Designers can feel comfortable simply specifying *"Centor A14"* and leaving detailed component selection to the builder, joiner or fabricator.

PUTTING PANELS, SHUTTERS OR SCREENS INTO MOTION, INSIDE OR OUT, IS A BREEZE WITH A14'S 175KG PANEL CAPACITY AND PRECISION-GROUND BEARINGS.

Centor A14 presents unique opportunities for management of internal spaces in residential or light commercial applications. Door panels or room dividers as large as three metres high by four metres wide slide effortlessly aside on precision-ground bearing carriers. A substantial 175 kilogram maximum panel weight allows for the widest choice of panel materials to complement rather than dominate other aspects of interior design.

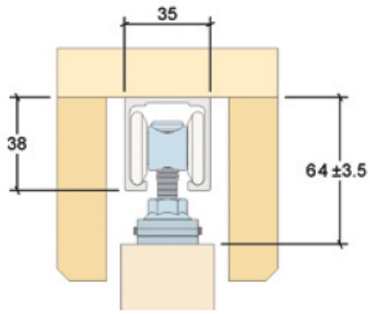
Robust construction and sturdy, corrosion-resistant materials make A14 just as suited to striking applications out of doors. External panels, shutters and screens can be completely removed in seconds; and replaced just as quickly. The system's precision bearings mean finger-tip control over the most imposing of residential and light commercial openings, and whisper-quiet operation for close-quarters living.

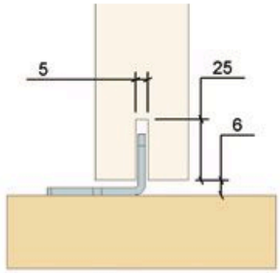
A14: ARCHITECTURAL DETAIL

Downloadable DXF or DWG files ready for use in your own documentation are a convenient resource for architects and specifiers wishing to use Centor systems.

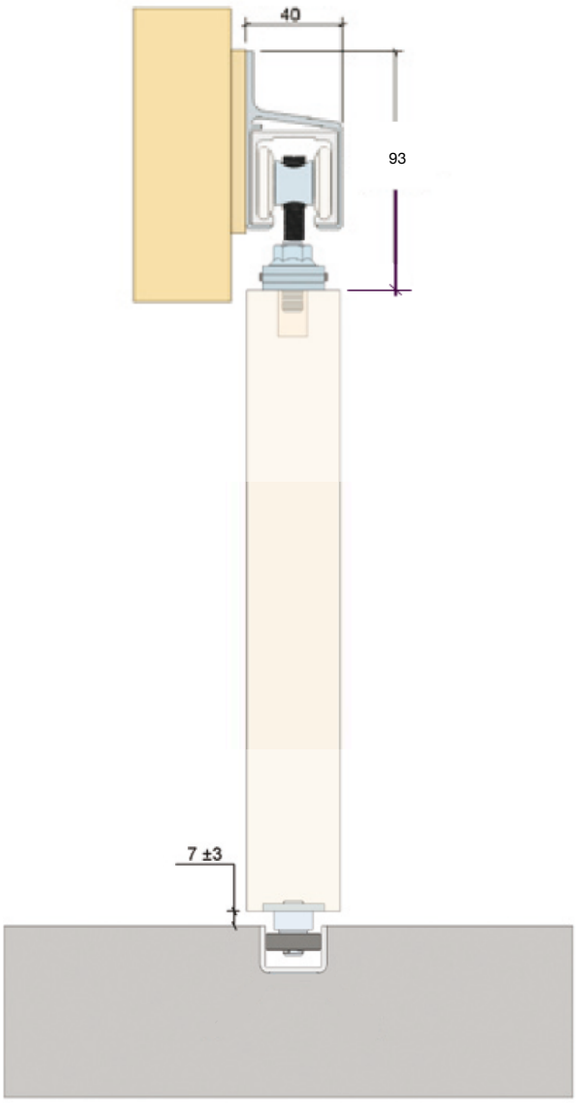
A14 DXF or DWG files can be downloaded from **www.centor.com.au/au/a14_cad.html**

HEAD FIX ALUMINIUM TRACK

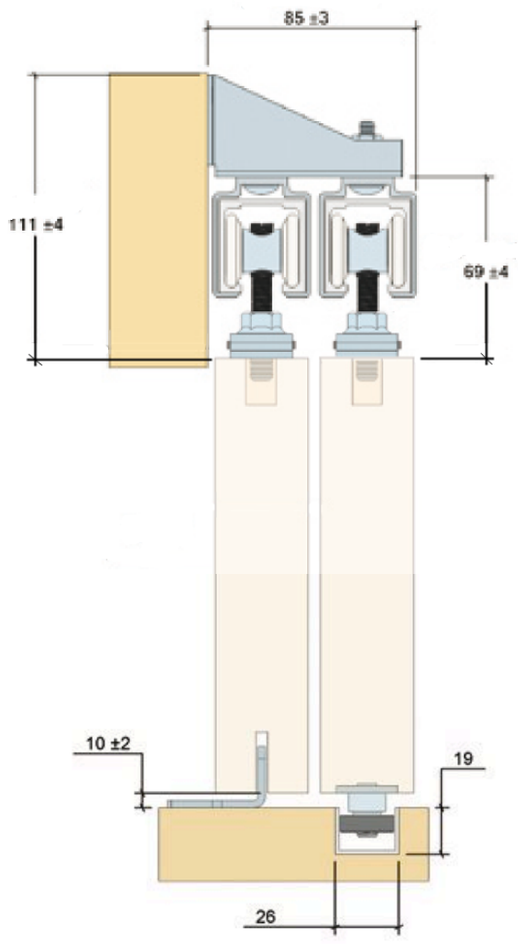




SIDE FIX ALUMINIUM TRACK



PARALLEL SIDE FIX ALUMIUM TRACK



A14: COMPONENT SELECTION

A14 is specified with 7 separate component groups. Components are required from each group to build an A14 sliding door system except when indicated otherwise.

1 **Track** – choose material, surface finish, size and number required to suit opening and panel layout

2 **Track Fixings** – choose material, head-fix or side-fix, surface finish and number required to suit opening
3 **Carriers** – choose material, 2 or 4-wheel carrier, tyre material & number required to suit door frame & panel layout
4 **Guides** – choose guiding method and number required to suit panel layout
5 **Channel**** – choose material, surface finish, size and number required to suit opening and panel layout
6 **Accessories** – choose items which best suit opening and door panel requirements

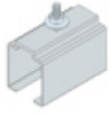
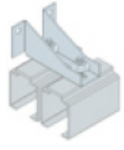
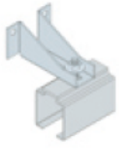
** Channels are an optional item

ALUMINIUM TRACK

PART	TRACK AND FINISH	PRODUCT CODE	SELECT LENGTH
	aluminium track mill	14TA2	2000mm aluminium track, mill
		14TA3	3000mm aluminium track, mill
		14TA4	4000mm aluminium track, mill
		14TA57	5700mm aluminium track, mill
	aluminium track natural anodised	14TA2N	2000mm aluminium track, natural anodised
		14TA3N	3000mm aluminium track, natural anodised
		14TA4N	4000mm aluminium track, natural anodised
		14TA57N	5700mm aluminium track, natural anodised
	aluminium track gold anodised	14TA2G	2000mm aluminium track, gold anodised
		14TA3G	3000mm aluminium track, gold anodised
		14TA4G	4000mm aluminium track, gold anodised
		14TA57G	5700mm aluminium track, gold anodised

NOTE - Mill track not recommended for external use, available for custom finishing

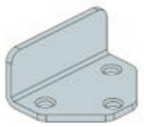
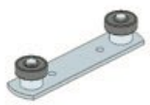
ALUMINIUM TRACK FIXING

PART	SELECT FIXING METHOD	PRODUCT CODE	BRACKET FIXING CENTRES
	head fix bracket, aluminium track timber and concrete	14OMB	120kg 600 175kg 400
	head fix bracket, aluminium track steel	14TMB	120kg 600 175kg 400
	side fix bracket, aluminium track timber, concrete and steel	14SMB	120kg 600 175kg 400
	parallel side fix bracket, aluminium track timber, concrete and steel	14PTBD	120kg 600 175kg 400
	offset side fix bracket, aluminium track timber, concrete and steel	14PTBS	120kg 600 175kg 400
	parallel side fix wall bracket only, aluminium track timber, concrete and steel	14PTB	120kg 600 175kg 400

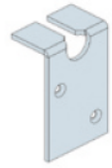
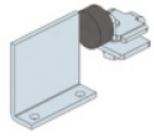
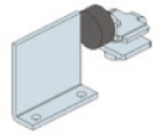
CARRIERS

PART	SELECT DOOR FRAME	SELECT WEIGHT	PRODUCT CODE	PART DESCRIPTION
	wood framed	100kg	142CCN	2 wheel carrier, nylon tyres with top plate
	wood framed	100Kg	142CCNSS	2 wheel carrier, stainless steel, nylon tyres with top plate
	wood framed	175kg	144CCN	4 wheel carrier, nylon tyres with top plate
	wood framed	175kg	144CCNSS	4 wheel carrier, stainless steel, nylon tyres with top plate
	metal framed	100kg	142C4N	2 wheel carrier, nylon tyres with 100mm bolt
	metal framed	175kg	144C4N	4 wheel carrier, nylon tyres with 100mm adjustment bolt

GUIDES

PART	SELECT STYLE	GUIDE TYPE	PRODUCT CODE	PART DESCRIPTION
	grooved door	floor fix	3G	floor fixed groove guide, zinc Suits doors with 5x26mm groove
	grooved door	floor fix	40FG	floor fixed groove guide, aluminium Suits doors with 5x26mm groove
	no groove	floor fix	UG	universal guide Suits doors 32 to 54mm wide
	roller guides	single roller	ATFGS	single roller guide, stainless steel Precision stainless sealed bearing 22mm diameter
	roller guides	double roller	ATFGD	double roller guide, stainless steel Precision stainless sealed bearing 22mm diameter

ACCESSORIES

PART	PRODUCT NAME	PRODUCT CODE	DESCRIPTION
	door strap	14DSSS	stainless steel carrier adaptor plate for particle board doors Adaptor plate used to secure top carrier plate to particle board, chip board or MDF.
	track stop and angle	14TS	track stop including angle stop Used to stop doors at end of track, or where two doors meet together on a single track.
	track stop and angle stainless steel	14TSSS	track stop including angle stop Used to stop doors at end of track, or where two doors meet together on a single track.

ALUMINIUM CHANNEL

PART	CHANNEL MATERIAL	PRODUCT CODE	PART DESCRIPTION
	extruded aluminium mill	E2FCA2	2000mm 19 x 26mm aluminium channel, mill
		E2FCA3	3000mm 19 x 26mm aluminium channel, mill
		E2FCA4	4000mm 19 x 26mm aluminium channel, mill
		E2FCA57	5700mm 19 x 26mm aluminium channel, mill
	extruded aluminium natural anodised	E2FCA2N	2000mm 19 x 26mm aluminium channel, natural anodised
		E2FCA3N	3000mm 19 x 26mm aluminium channel, natural anodised
		E2FCA4N	4000mm 19 x 26mm aluminium channel, natural anodised
		E2FCA57N	5700mm 19 x 26mm aluminium channel, natural anodised
	extruded aluminium gold anodised	E2FCA2G	2000mm 19 x 26mm aluminium channel, gold anodised
		E2FCA3G	3000mm 19 x 26mm aluminium channel, gold anodised
		E2FCA3G	4000mm 19 x 26mm aluminium channel, gold anodised
		E2FCA3G	6000mm 19 x 26mm aluminium channel, gold anodised

NOTE - Mill channel not recommended for external use, available for custom finishing

INSTALLATION

Before starting any installation, ensure the head (lintel) is sufficiently strong and rigid to support the door in all positions. For side fix, the head and jambs should be plumb and flush. For head fix, the head must be square to the jambs and horizontally level.

Fit track to head per details on page 61 for brackets and fixing centres. If using 40FG guide, cut 26 x 5mm groove in door.

Installing carriers with door plate

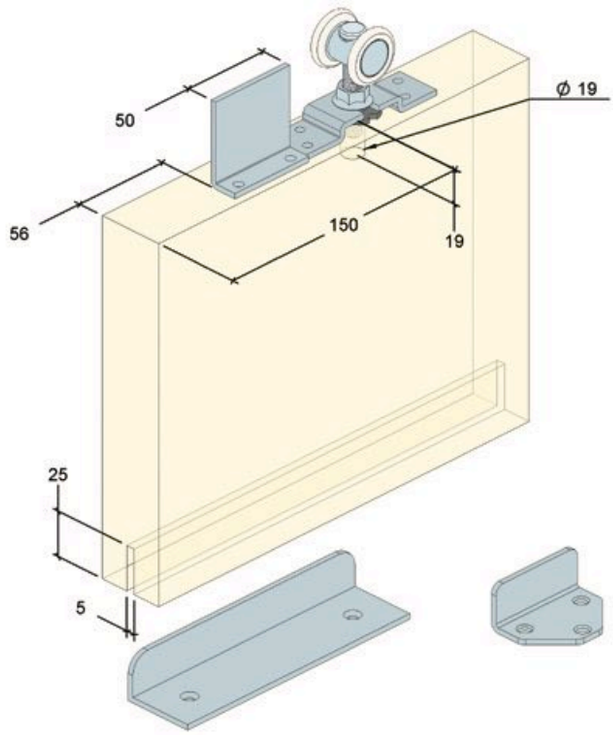
1 Drill 19mm holes each end on door top rail as illustrated. Fix door plate to top of door. Align centre of plate with centre of track allowing door clearance off head. The carrier plate is not always on the centre-line of the door and can be offset sideways (for wider doors).
2 Fix angle stop on same centre-line as door plate.
3 Insert carriers and track stops into the track.
4 Lift the door up to the track and engage 1AN adjusting star nut into the door plate. Adjust vertically for floor clearance. Lock flanged nut onto door plate.
5 Floor guide or channel should be fitted so that door hangs vertically below the centre-line of the track.
6 Align track stops to retain door at each end.
7 Finish by fitting Flush Pulls, Dropbolts and Pelmet.

Alternate installation for carriers with bolt only

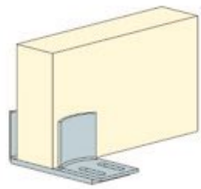
1 Prepare 19 x 10mm slots in top rail. Use these slots for sideways alignment off wall after hanging door.
2 Fix 14AS angle stop on same centre-line as carrier bolt.
3 Insert carriers and track stops into the track.
4 Lift the door onto bolts and adjust vertically for floor clearance. Lock flanged nut onto door frame.
5 Floor guide or channel should be fitted so that door hangs vertically below the centre-line of the track.
6 Align track stops to retain door at each end.
7 Finish by fitting Fush Pulls, Dropbolts and Pelmet.

For either method, check guides do not project past end of door at each end of travel. If necessary, adjust the track stops. Lubricate track regularly with grease.

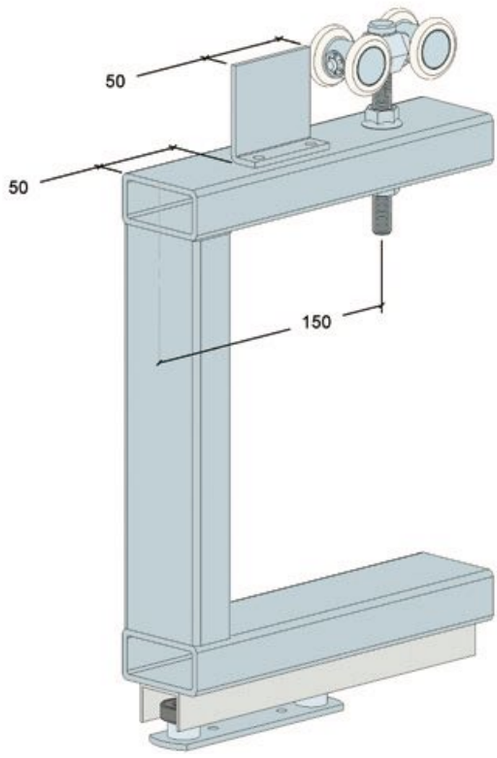
WOOD FRAMED DOOR GROOVED WITH BLADE FLOOR GUIDE



NON-GROOVED DOOR WITH UNIVERSAL GUIDE



METAL FRAMED DOOR WITH ROLLER GUIDE AND CHANNEL



TIMBER FRAMED DOOR WITH ROLLER GUIDE AND CHANNEL