

Commercial Shopfronts, Doors and Screens

Supplier:		Sapa		Sapa	
System Name:		Glostal 202 (Non Thermal)		Stormframe ST (Thermal)	
Single Glazed		4mm, 6mm, 6.4mm, 6.8mm, 7.5mm, 10.8mm		N/A	
Double Glazed		24mm, 24.4mm, 24.8mm		28mm, 28.4mm, 28.8mm	
Door Types		Centre Pivot (Open Both Ways)		Centre Pivot (Open Both Ways)	
		Rebated Open In		Rebated Open In	
		Rebated Open Out		Rebated Open Out	
Anti Finger Trap Option		Optional For Centre Pivot		Optional For Centre Pivot	
		Deduction From Frame Width To Achieve Clear Opening			
Clear Opening	Door Type	<u>Std. Door</u>	<u>AFT Door</u>	<u>Std. Door</u>	<u>AFT Door</u>
	Single Door	185mm	200mm	193mm	208mm
	Double Door	278mm	308mm	286mm	316mm
<i>Please note that Handle Dimensions not considered into above chart.</i>					

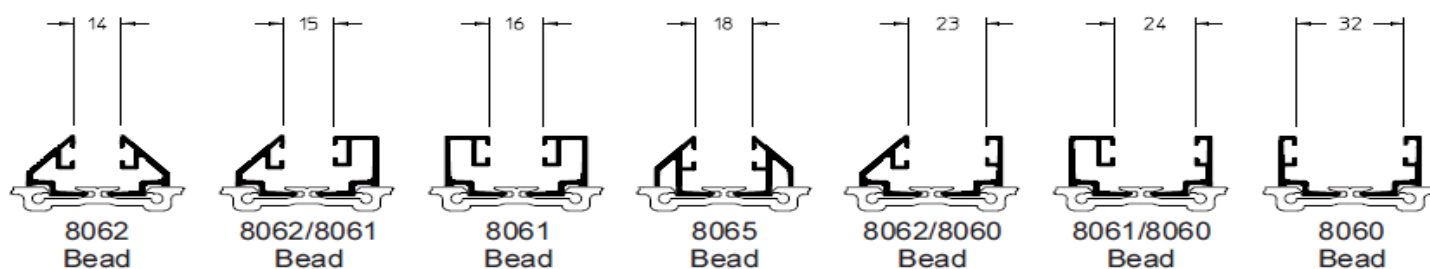
Glazing Gaps

Before glazing can proceed, correct gasket and (if bead frame is to be used) correct bead requirements are to be ascertained. Check with the information on this and the next page for items required.

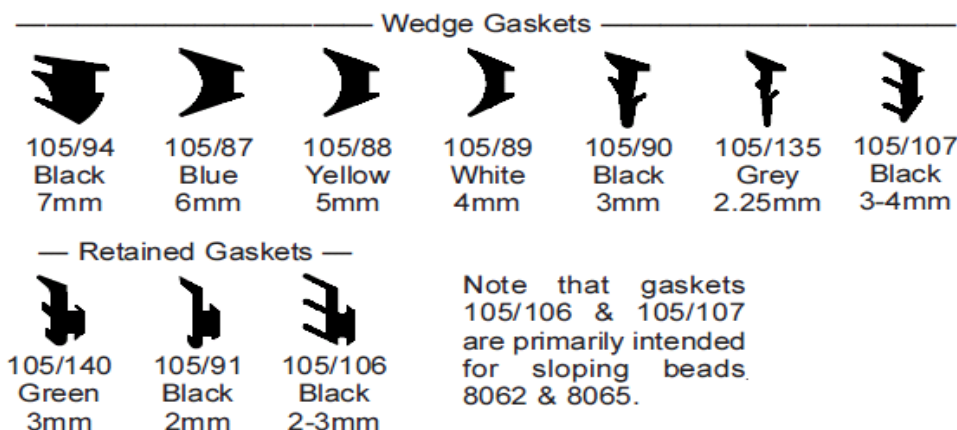
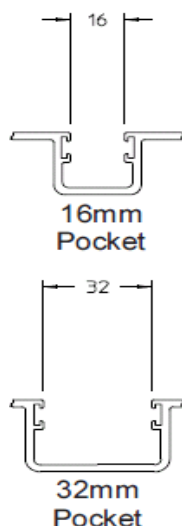
TOTAL GASKET WIDTH = GLAZING GAP - THICKNESS OF PANEL

Note that the information on this page and the next page shows typical glass, bead and gasket relationships. Due to tolerances on glass, aluminium and gaskets, practical trials must be carried out to determine ideal wedge gasket fit. (Use reasonable force with glazing paddle)

Any combination of glazing beads can be used to obtain the required glazing gap
(see following page for further examples)



Typical glazing gaps

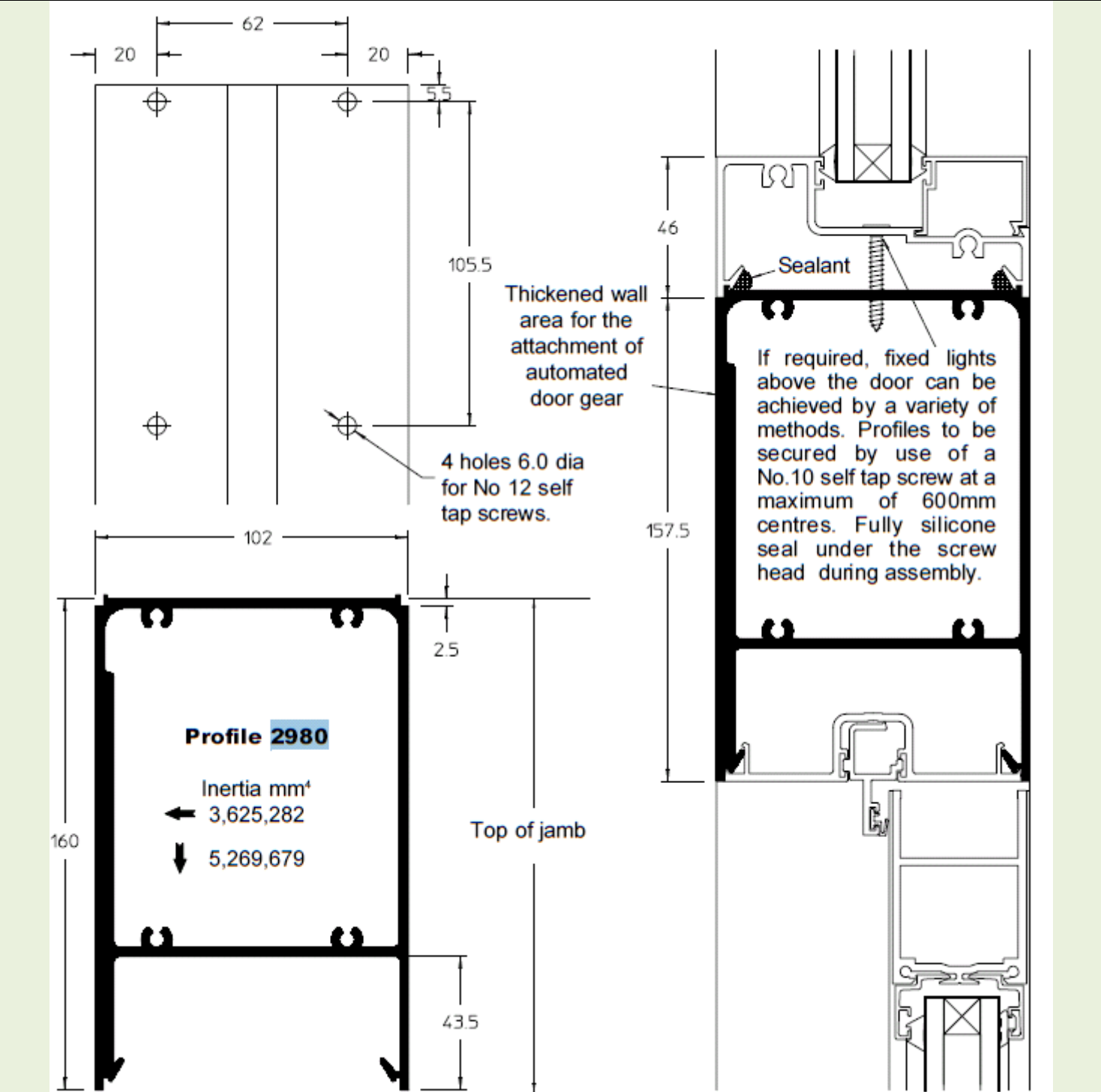


Note that gaskets 105/106 & 105/107 are primarily intended for sloping beads 8062 & 8065.

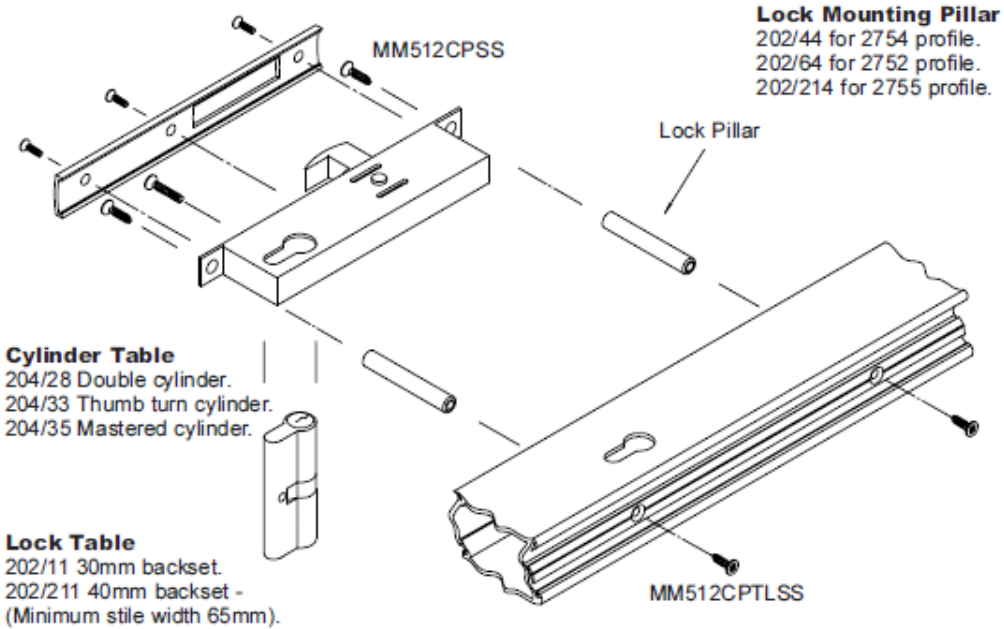
Standard Specification - Centre Pivot Door		
Standard Specification:		
Adams Rite Hook Bolt Dead Lock (30mm Backset)	Adams Rite 4750 Dead Latch Lock (Euro Profile)	Adams Rite 4710 Round Dead Latch Lock
Euro Profile Cylinder	Euro Profile Cylinder	Round Screw In Cylinder
Plain Pad 300 Handle	Plain Pad 300 Handle	Plain Pad 300 Handle
Concealed Overhead closure	Concealed Overhead closure	Concealed Overhead closure
Flush Bolt On Slave Leaf	Flush Bolt On Slave Leaf	Flush Bolt On Slave Leaf
	Special:	Special:
	Lock Is Suitable To Work With Electric Strike	Lock Is Suitable To Work With Electric Strike
		Lock Is Suitable To Work With Simplex Digital Lock
		Lock Is Suitable To Work With 3082 Entry Trim
Fire Exit Door: Using Panic Bar Mechanism		
Adams Rite 4710 Round Dead Latch Lock		
A/R 940 Panic Bar (Alan Key Dogging as Standard)	A/R 960 Concealed Vertical Rod Panic Bar (Alan Key Dogging as Standard)	
Optional Screw In round Cylinder Key Dogging	Optional Screw In round Cylinder Key Dogging	
Optional External Key Access With Plain Pad 300 Handles	Optional External Key Access With Plain Pad 300 Handles	
Suitable On Master Leaf Only	Suitable For Both Master & Slave Leaf	
Special:	Special:	
Lock Is Suitable To Work With Electric Strike		
Lock Is Suitable To Work With Simplex Digital Lock		
Lock Is Suitable To Work With 3082 Entry Trim		
Fire Exit Door: Using Paddle Handle Inside		
Adams Rite 4710 Round Dead Latch Lock	Adams Rite 4750 Round Dead Latch Lock	
A/R 4591 Paddle Handle Inside	A/R 4596 Paddle Handle Inside	A/R 4781 Two Point Latch Paddle Handle Inside
Optional External Key Access With Plain Pad 300 Handles	Optional External Key Access With Plain Pad 300 Handles	Optional External Key Access With Plain Pad 300 Handles
Suitable On Master Leaf Only	Suitable On Master Leaf Only	Suitable On Slave Leaf Only
Special:	Special:	
Lock Is Suitable To Work With Electric Strike	Lock Is Suitable To Work With Electric Strike	Lock Is Suitable To Work With 3082 Entry Trim
Lock Is Suitable To Work With Simplex Digital Lock		(This is a Combination Of A/R 960 Concealed Vertical Rod Panic Bar (Alan Key Dogging as Standard) With A/R 4591 Paddle Handle Inside)
Lock Is Suitable To Work With 3082 Entry Trim		
Note: Paddle Handle Door is only treated as Fire Exit Door If Panic Situation Will Not Arise.		

SPECIAL – Automatic Sliding & Automatic Swinging Doors

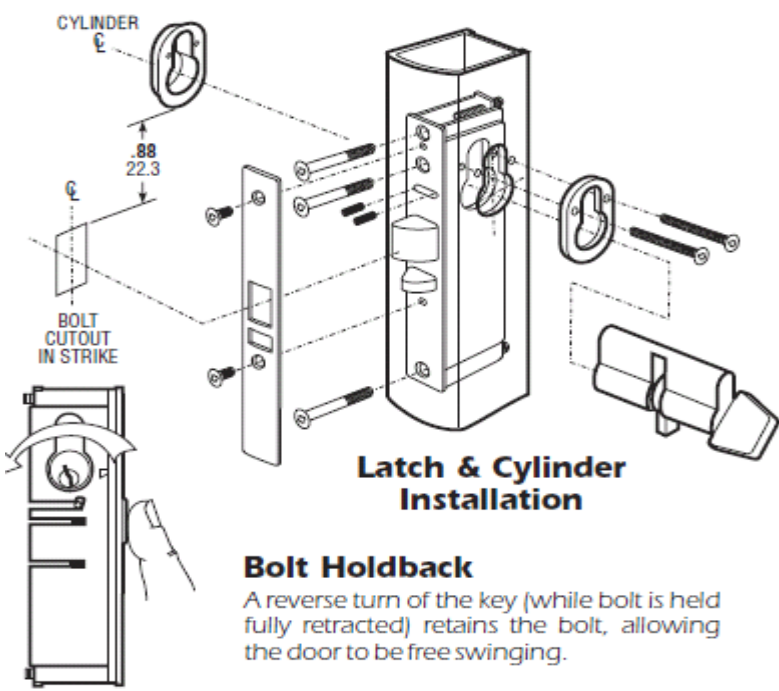
AUTOMATIC SLIDING	AUTOMATIC SWINGING	
Door Leaf = Actual Door Leaf + 49mm (Width & Height)	None	Door Leaf Adjustment
2980 Heavy Head Section (160mm)	2980 Heavy Head Section (160mm)	Heavy Head Requirement
Not Supplied By Advanced Aluminium	Not Supplied By Advanced Aluminium	Gearing Requirement
Only G202 Non Thermal	Only G202 Non Thermal	System Availability



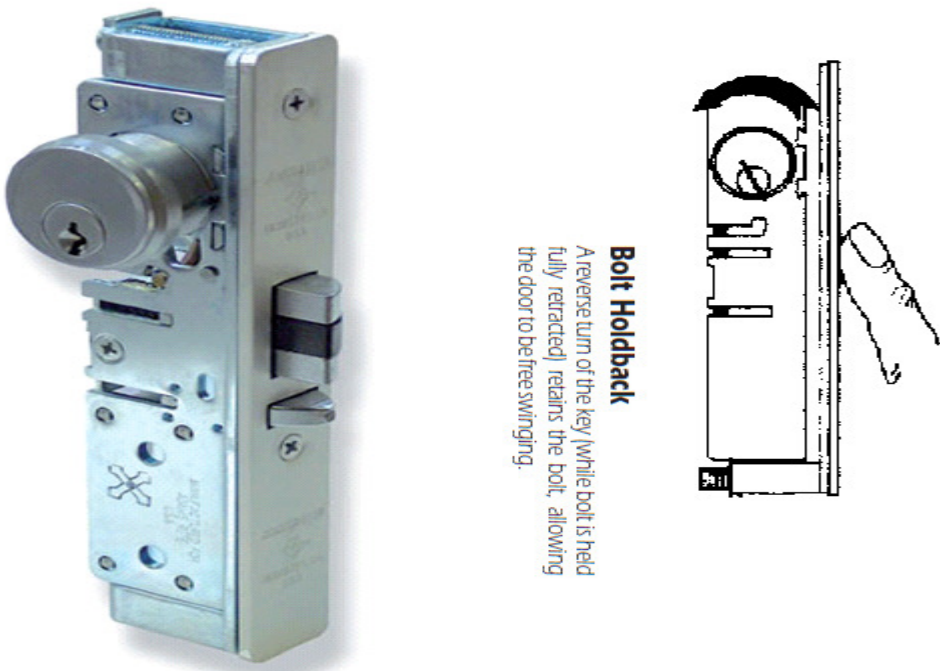
ADAMS RITE HOOK BOLT DEAD LOCK (30MM BACKSET)



ADAMS RITE 4750 DEAD LATCH LOCK (EURO PROFILE)



ADAMS RITE 4710 ROUND DEAD LATCH LOCK (ROUND SCREW-IN CYLINDER)



**A/R 940 PANIC
BAR (ALAN KEY
DOGGING AS
STANDARD)**

Push bar to open



**A/R 960
CONCEALED
VERTICAL ROD
PANIC BAR (ALAN
KEY DOGGING AS
STANDARD)**

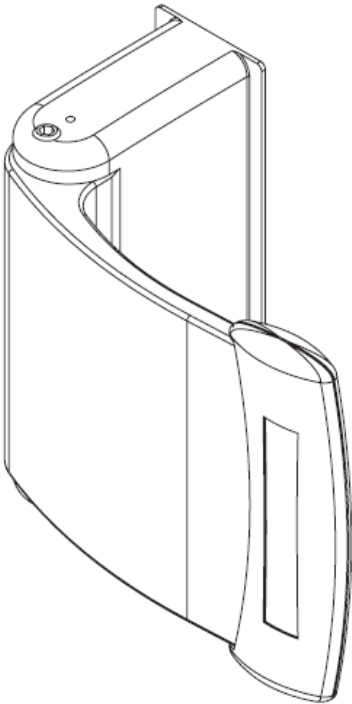
Push bar to open



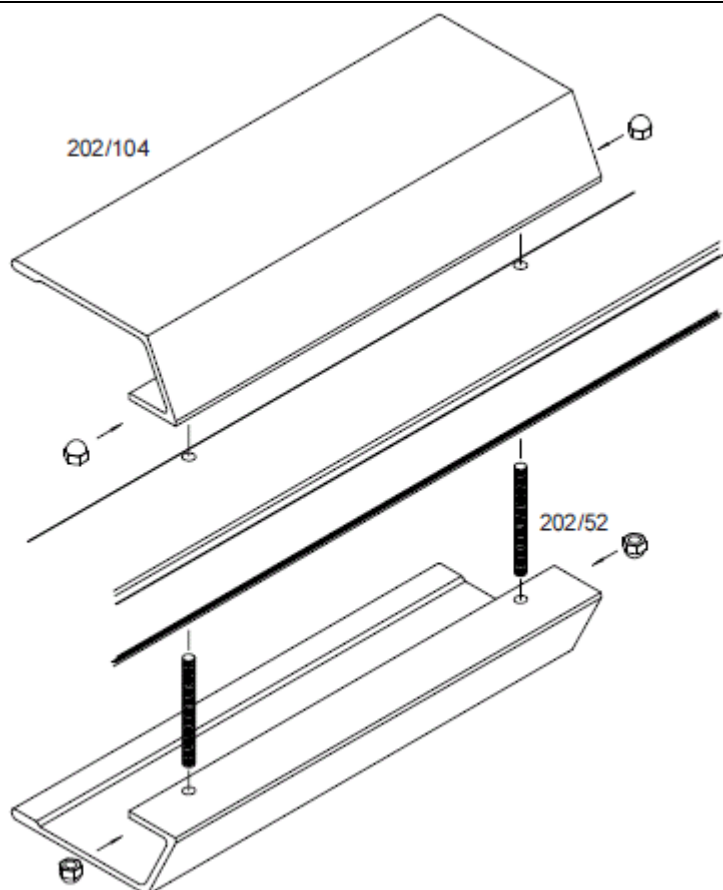
**A/R 4591 PADDLE
HANDLE INSIDE
(AR 4710 LOCK)**

**A/R 4596 PADDLE
HANDLE INSIDE
(AR 4750 LOCK)**

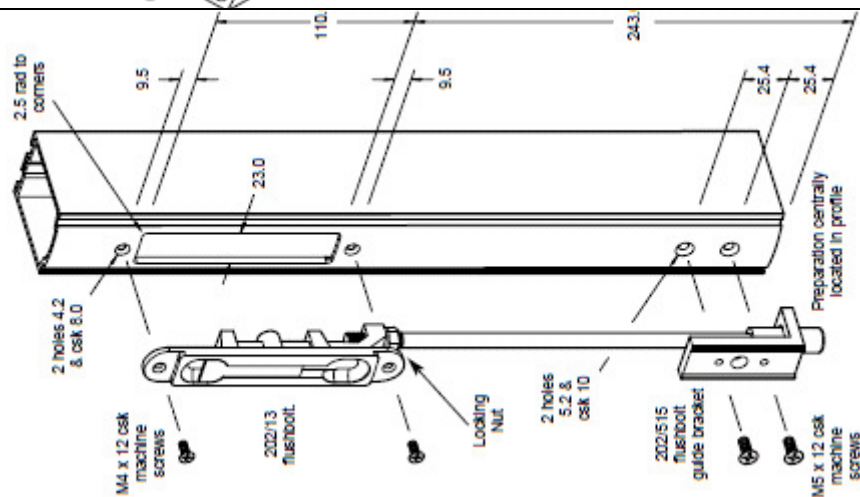
**A/R 4781 PADDLE
HANDLE INSIDE
(AR 960 CVR)**



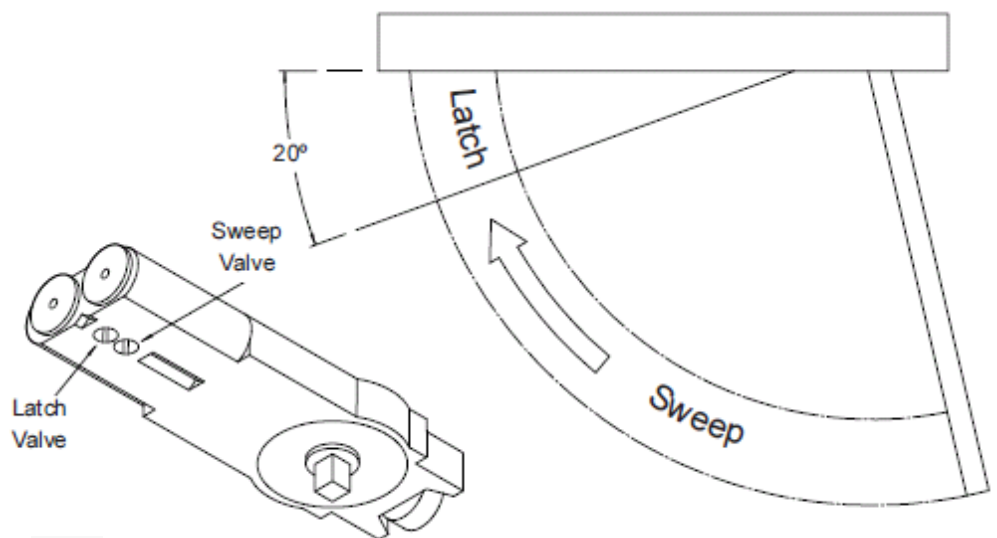
**PLAIN PAD 300
HANDLE**



**FLUSH BOLT
(SLAVE DOOR)**



**CONCEALED
OVERHEAD
CLOSURE**



REPLACING DOOR
LEAF ONLY?

The following points require understanding before the order placed to any of the suppliers.


















- Front to back outerframe dimensions
- Pivot points (Measured from inside edge of the outerframe to centre of pivot)
- End loader/Side Loder/Anti Finger Trap Stile
- Hook Lock/Latch Lock position measured from top of the door stile to centre of hook/latch
- Outerframe tight sizes
- Door leaf sizes

Please note that our commercial door have 3mm clearance between frame and door leaf at Top/Sides, 8mm between Top of Threshold To Door Leaf

ARE YOU
ORDERING
COLOURED
COMMERCIAL
PRODUCT?

The following points require understanding before the order placed to any of the suppliers.

Ral Number is compulsory for any coloured job.
It is hard to guess if depot orders the door in Blue colour and asked Advanced Aluminium to decide the RAL No. The reason is that there are so many different blue finishes available in the market...For example.....

 RAL5002M Ultramarine Blue	 RAL5012M Light Blue	 BS18B29M Raven Blue
 RAL5004M Black Blue	 RAL5013M Cobalt Blue	 BS18C39M Azure Blue
 RAL5008M Grey Blue	 RAL5014M Pigeon Blue	 BS20D45M Ensign Blue
 RAL5009M Azure Blue	 RAL5015M Sky Blue	 BS20C33M Pompadour Blue
 RAL5010M Gentian Blue	 RAL5017M Traffic Blue	
 RAL 5011M Steel Blue	 RAL5018M Turquoise Blue	
	 RAL5022M Night Blue	