

Straight Sliding Door Range



Threshold
supplied cut to
size and pre-built

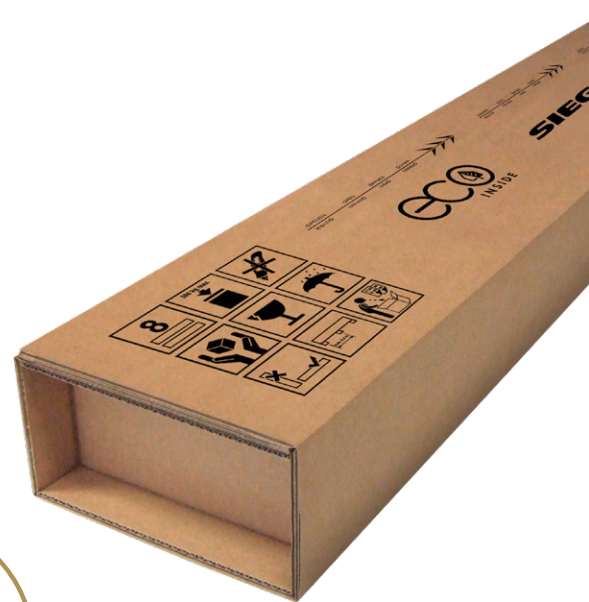
HS PORTAL - VERSION 4 - COMFORT UNIT
LIFT & SLIDE DOOR SYSTEM

LIT-BRO-HSPCUv1


COASTAL
Shaping the future.

WHAT IS THE HS PORTAL V4 COMFORT UNIT?

- The Comfort Unit is a Lift & Slide package optimised to speed up your production processes
- Eco Pass Threshold supplied cut to size, pre-drilled and pre-assembled
- Running gear, tracks and locking system all trimmed to your door opening size, pre-drilled and pre-assembled ready with jamb blocks for you to fit to your frames



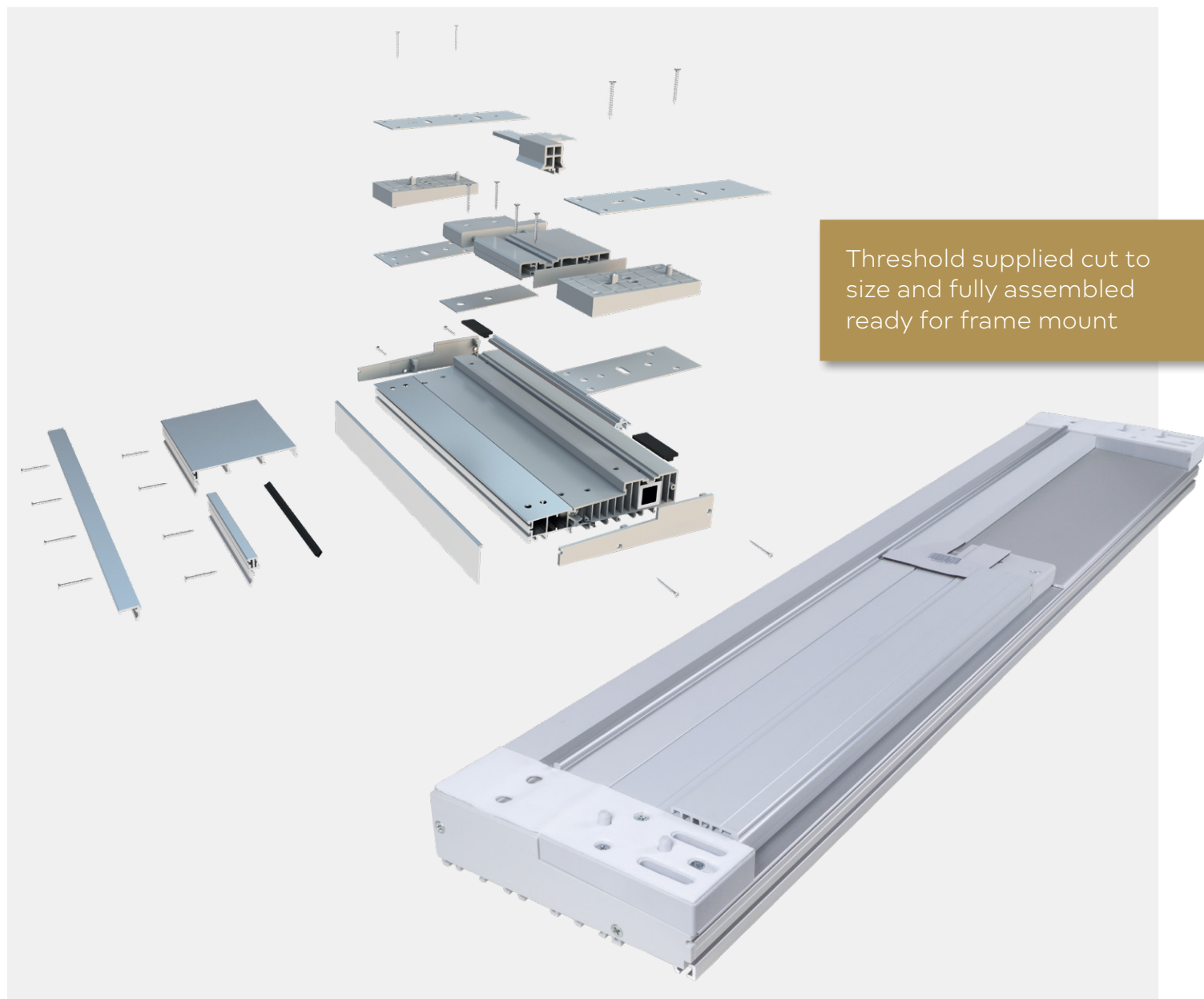
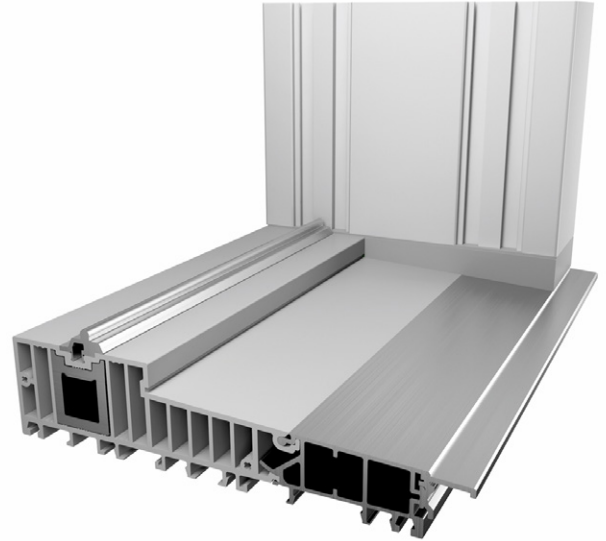
WHY THE HS PORTAL V4 COMFORT UNIT? YOUR BENEFITS INCLUDE:

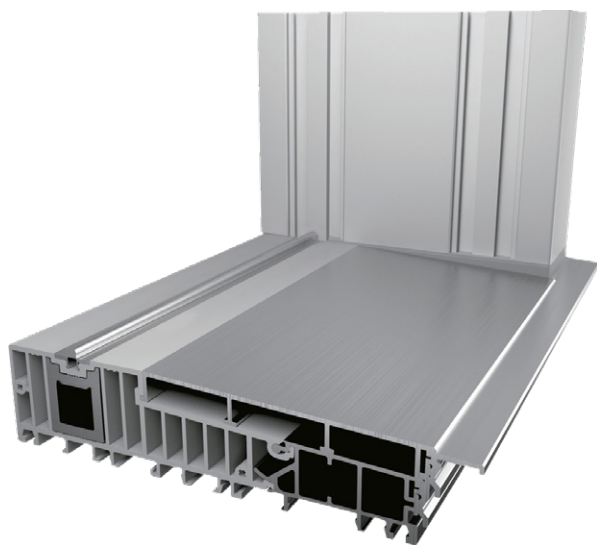
- Tried and tested weathersealing performance
- Security tested locking system and interlocking security sealing rails
- No waste, no scrap cuttings and reduced production risk
- Simplifies and speeds up your production process
- Provides you with ultimate lasting performance
- Designed and manufactured by Siegenia in Germany to bring you the ultimate in Lift and Slide Door design and engineering technology



THE NEW ECO PASS ALUMINIUM THRESHOLD

- ECO PASS threshold with frame corner connector, mid-section, support rail, adapter rail, all seals and the running rail cut to size, pre-drilled and completely assembled
- 10-chamber design enables optimal thermal insulation
- Thermal break reduces risk of condensation
- Low profile threshold
- Can be sunk into the ground without risk of it rotting
- High stability: Tailor-made aluminium reinforcement and functional frame corner connectors
- Removable running rail
- In the past, timber thresholds have been problematic especially on large sliding doors. This new aluminium threshold removes these issues, provides longevity and stability and enables low-profile access





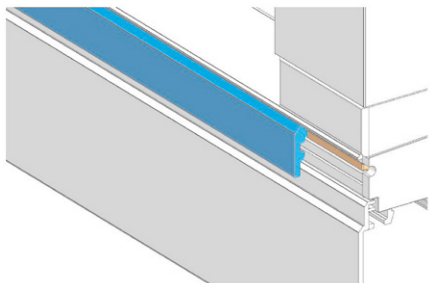
ECO PASS THRESHOLD - BARRIER FREE OPTION

- The Eco Pass Threshold is available as a barrier free option so you can run your threshold flush with the external ground/ patio floor level
- Additional step plates reduce the gap height to a minimal 5mm
- Excellent for disabled access as well as maintaining an aesthetically pleasing flush floor design from inside to outside

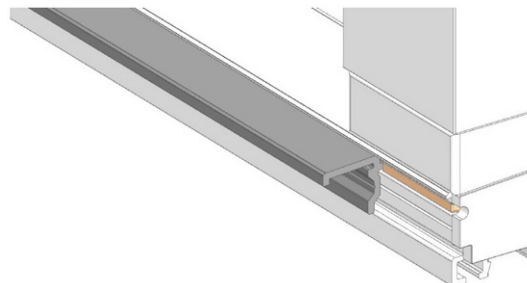
ECO PASS THRESHOLD - WEATHERSIDE PROFILE OPTIONS

- The Eco Pass Threshold is available with various size weatherside profiles to cover the gap between the threshold and the external ground/patio paving area

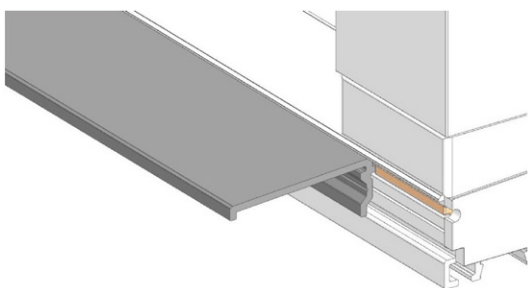
OPTIONS INCLUDE:



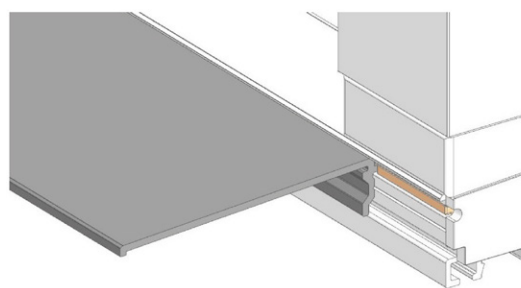
Seal Strip Short



20mm

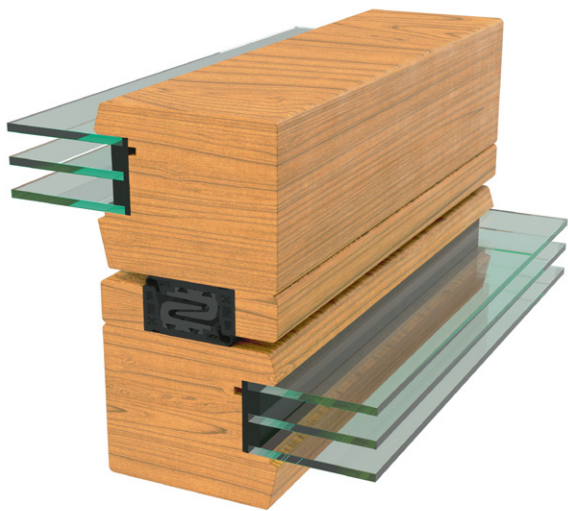


50mm



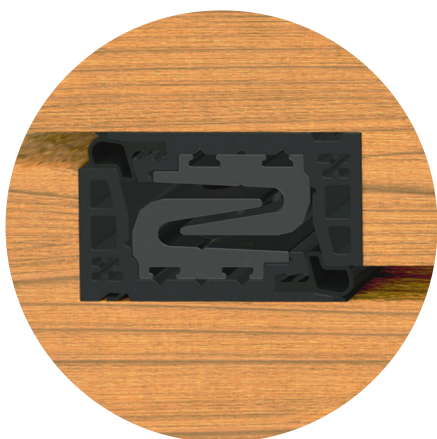
90mm





ENHANCED SEALING RAILS

- Three chamber profile provides good compression and thermal separation
- Compression can be easily adjusted via centre lock
- Large-scale seal compensates for manufacturing tolerances
- Three security interlocks made of aluminium are fitted to these seals to provide effective protection against prying your doors open
- Combines optimum insulation and security with narrow profile views
- Quick and easy fixing with pre-drilled screw holes and a corner part between the horizontal and vertical sealing rail



OPTIMISED WEATHERSEALS

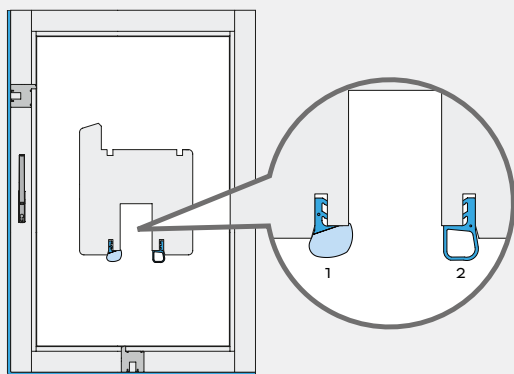
- The weatherseals for the inside and outside grooves of the sliding sash have been redesigned to fit more closely with sash tolerances



1



2



1



2

1. Foam filled seal for outside groove of sliding sash
2. Hollow chamber seal for inside groove sliding sash

HOOK BOLT LOCKING GEAR

- Up to three hook bolts, with integrated blocking function, ensure effective, first-class sealing and high burglar resistance up to RC2
- Hooks retract absolutely flush when open, they slide over closing rollers into the frame part gently and without wear
- Night vent feature
- The flush mounted frame strikers mean there are no protruding hardware components in the gap area when the door is open
- Concealed pressure adjustment +/- 2mm



Lockable Night Vent feature

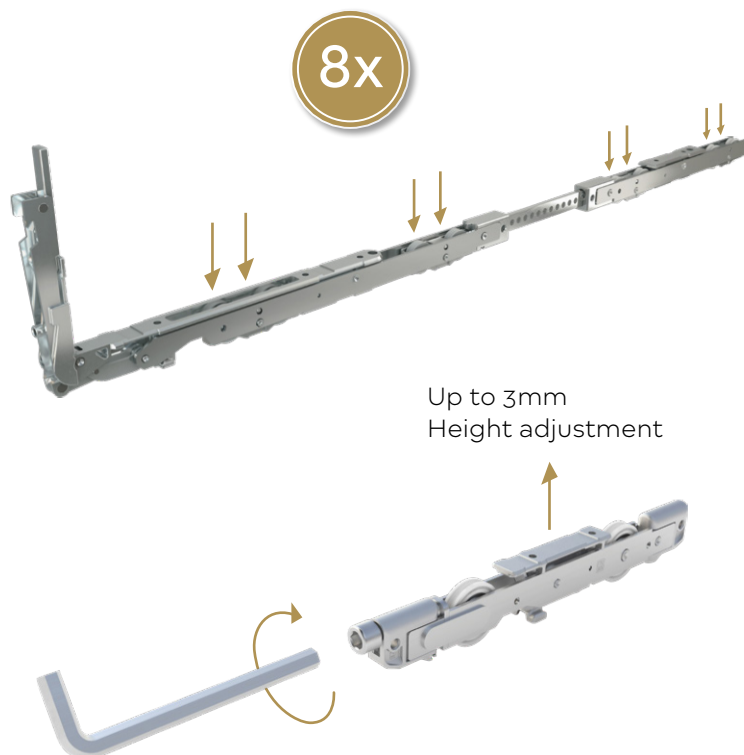


Keeps fit flush into frame



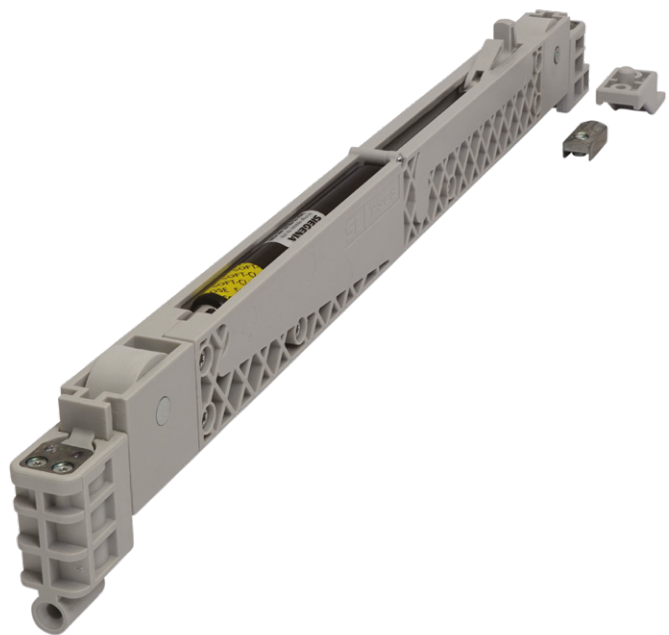
RUNNING GEAR

- Optimised, self-aligning load distribution across 8 rollers for an effortless sliding motion and less wear
- Low profile running gear enables slimmer sash profiles with up to 12mm less groove depth
- Greater stability along bottom sash edge
- Designed to easily slide a sash up to 400kg weight
- Rollers can be adjusted up to 3mm in height to enable quick and easy adjustments of the sash on site



SOFT CLOSE OPTION

- Innovative soft close function that can be invisibly integrated into the sash
- Available as Soft Close only or Soft Close and Open
- Soft Close option brakes the sash gently just before the closed position and then pulls it shut automatically
- Soft Close and Open option brakes the sash gently just before the closed position and just before the fully open position
- Minimises any risk of injury in the case of improper operation and prevents damage to the frame
- Automatically adjusts to each sash position and compensates for tolerances
- Maintenance-free



THE FINISHING TOUCHES

ELEGANT KUBUS SASH COVER CAPS

- Especially flat stainless steel sash cover caps provide an elegant finishing touch



HANDLES

- Our BLU KM7 Series Lift & Slide Handles provide quality you can feel every time you open the door
- Made from 316 Marine Grade Stainless Steel they provide the best protection from corrosion
- 2-stage click operation provides superior operation
- Available in a number of configurations to best suit your requirements such as lever/lever or lever/flush pull
- Part of a suited range of door and window hardware
- Other finishes are available in our LS1120 handle, made from brass



KM750 Internal Lever &
External Flush Pull



PERFORMANCE DETAILS

- Cycle Tested to 22,000 Cycles at 400kg
- Water Tightness Tested to EN12208 9A (glazing system withstood 600 Pa of water pressure for 55 minutes)
- Air Permeability Tested to EN12207, Class 4 (system has been tested under pressures up to 600 Pa and had below the class limit of air permeability through the system along the panel joint and overall system area)
- Resistance to Wind Load = Class C2/B3 (1800 Pa)

SPECIFICATION SCOPE

- Use: External
- Type: Bottom Rolling
- Max Leaf Weight: 400kg
- Frame Height: 1,312 - 2,800mm
- Frame Width: Scheme A: 1,733 - 6,709mm
 Scheme G2: 2,580 - 10,000mm
 Scheme C: 3,348 - 10,000mm
- Sash Thickness 68mm

SCHEMES AVAILABLE

Scheme A

1 Sliding door & 1 fixed outer door



Scheme G2

1 Sliding door & 2 fixed outer doors with mullion



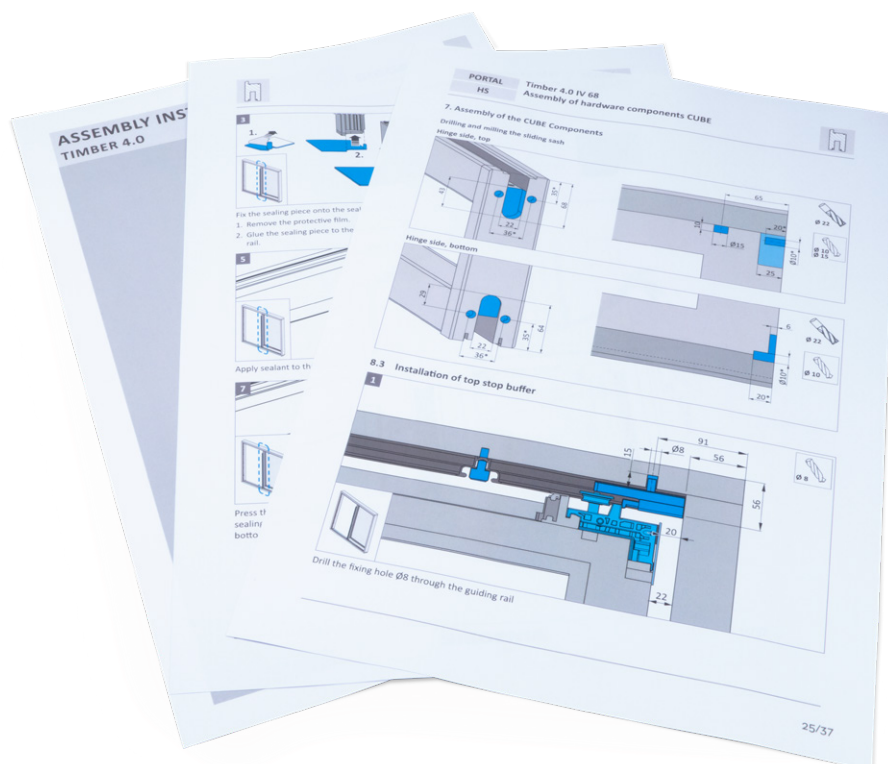
Scheme C

2 Sliding doors & 2 fixed outer doors



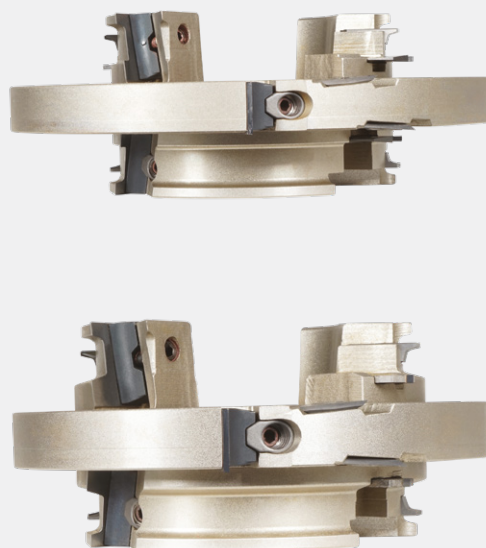
FULL DRAWING PACK AND FITTING INSTRUCTIONS

- Full drawing pack and fitting instructions are available to help with your manufacture and installation - links to these are supplied with your order

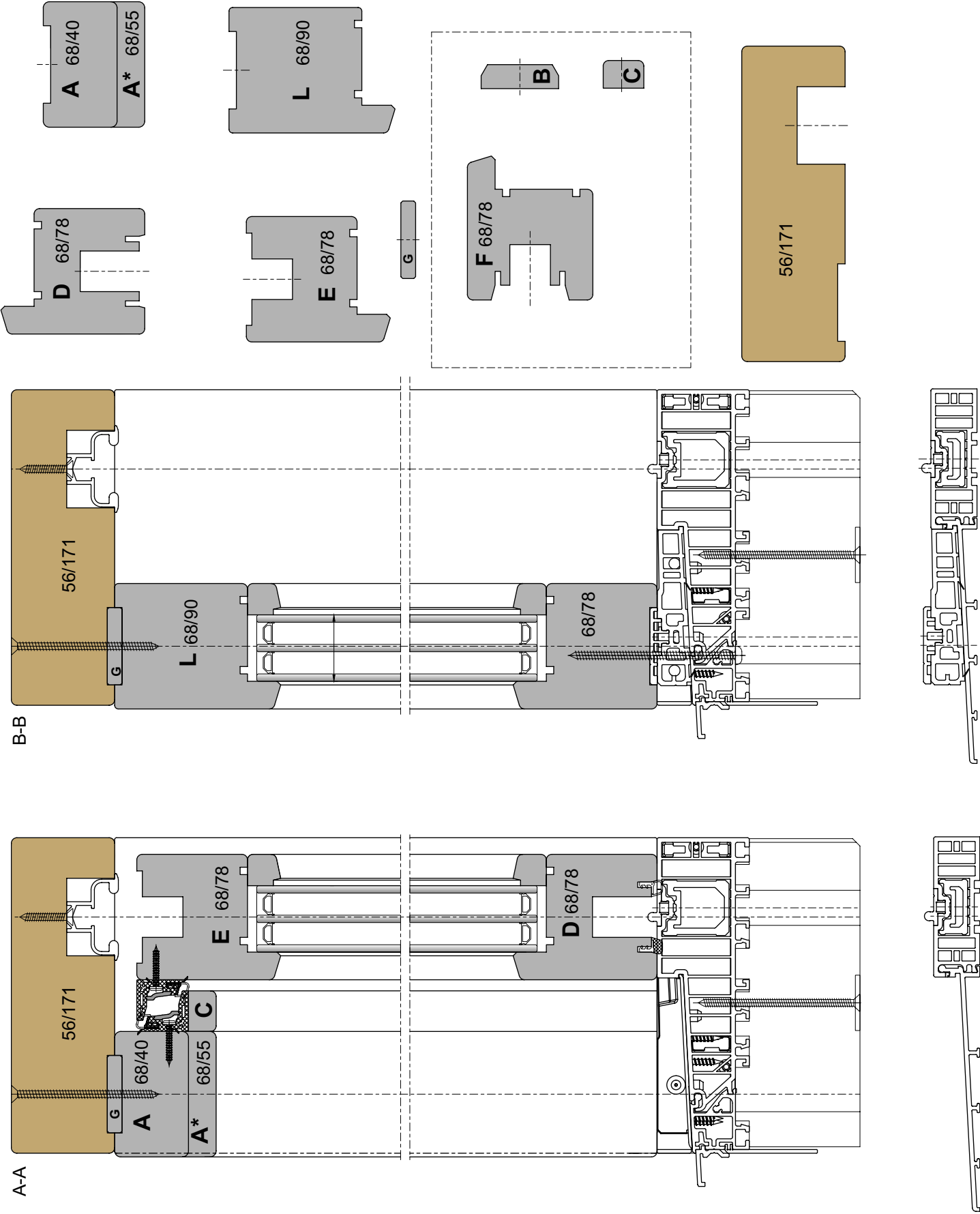


ASK ABOUT OUR LIFT & SLIDE TOOLING

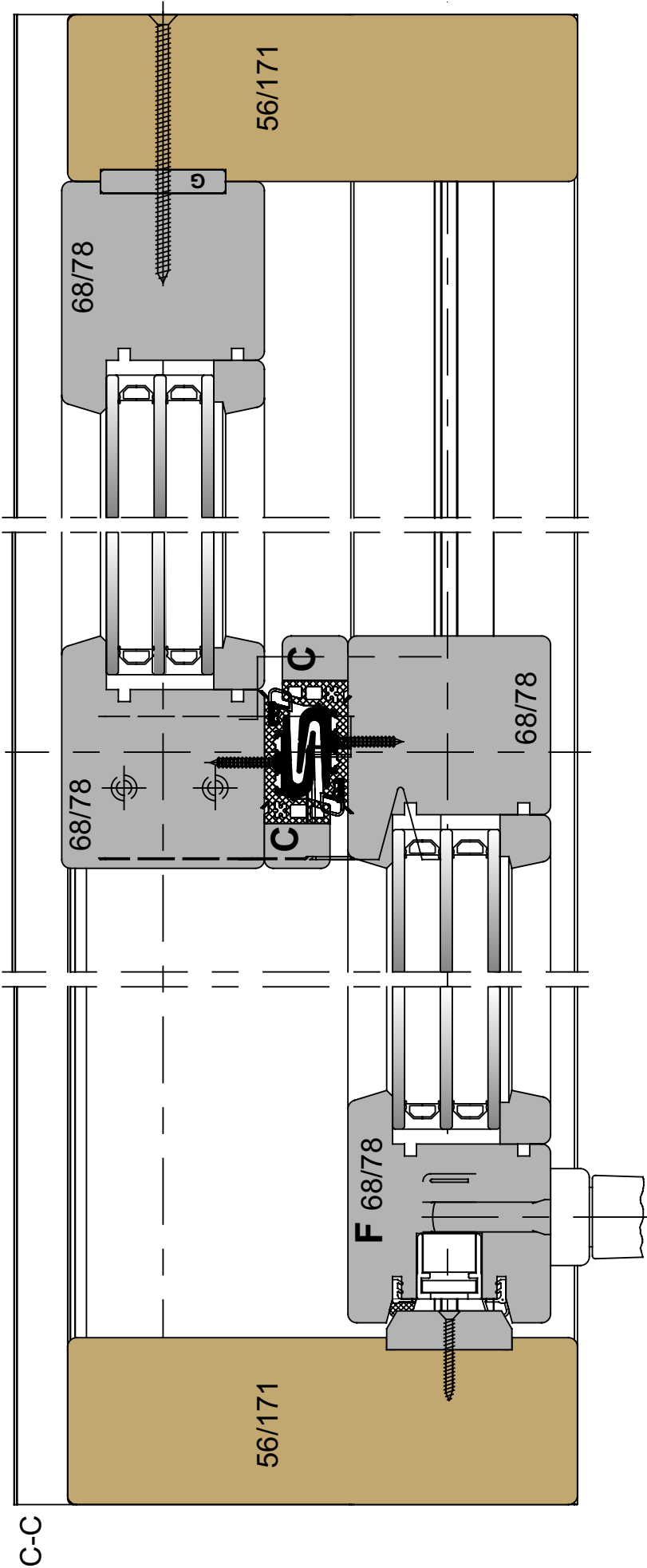
- Replaceable Tungsten Carbide Tips
- Shear cut knives giving ultimate finish
- Single pass process
- Available in 30mm & 31.75mm (1 1/4")



END ELEVATION



PLAN ELEVATION



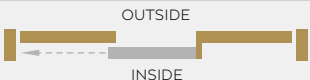
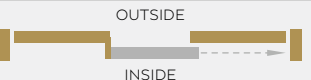
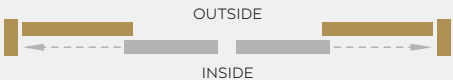


No need for you to take the time working out what components you need for your folding door system, just send us your completed enquiry form below and we'll sort it for you. **If this is an order being placed please ensure measurements supplied are 100% accurate**

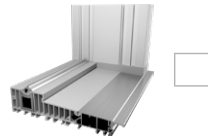
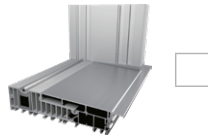
Company:		Contact Name:	
Postcode:		Telephone:	
Fax:		Email:	
Customer Project Reference Name:		Order:	Quote Request:

1. Structural Opening Size	Width (mm)	Height (mm)

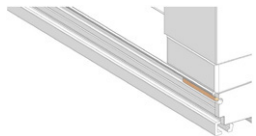
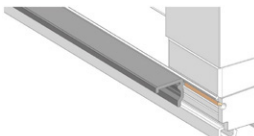
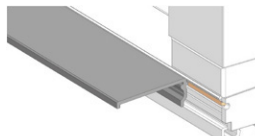
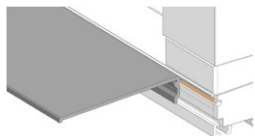
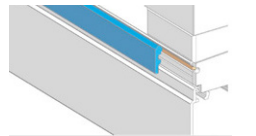
2. Scheme Selection- Please note 68mm thick sashes only
(Tick the scheme you require)

A		Frame Width 1,733 - 6,709mm	A		Frame Width 1,733 - 6,709mm
G2		Frame Width 2,580 - 10,000mm	G2		Frame Width 2,580 - 10,000mm
C					Frame Width 3,348 - 10,000mm

3. Options Available

Handle Type	Internal Lever & External Flush Pull		Internal & External Levers		
Handle Finish	316 Satin Stainless Steel	Polished Chrome	Satin Chrome	Bronze	Polished Brass
Soft Close *Soft Close only available if leaves meet minimum and maximum width requirements	None	On Close*	On Open*	Both	
Threshold	Standard		Barrier Free		
					

Weatherside Profile:

None <input type="checkbox"/>	20mm Profile <input type="checkbox"/>	50mm Profile <input type="checkbox"/>	90mm Profile <input type="checkbox"/>	Seal Strip Short <input type="checkbox"/>
				

4. Notes

Send your completed enquiry forms to: Email sales@coastal-group.com, or Fax **01726 871 731**, Or call us on **01726 871 025** to discuss your requirements