

Shopline



Smarts Shopline is a **non-thermally** broken system designed for all ground floor treatments and high traffic doors

Unless specified we will use the following defaults: -

- We always view everything from the outside
- White frames to Smarts internal colour reference 9910 gloss with white handles to doors
- Where opening casement frames are required in a Shopline frame, these will be quoted for as extra items in Alitherm 600 section for fitting into the Shopline sub-section on site by the customer (**Please note that the Alitherm 600 is a slightly different shade of white to Shopline, Alitherm 600 is RAL9010**)
- Coloured frames would require a specific RAL code and we would use black handles to doors
- We will included an external cill pressing section for under the bottom rail of the frame; part number SH057
- Shopline screens are modular and therefore large screens will be manufactured in modular sections for coupling together on site by the customer
- Equal splits will be used for mullions and transoms
- The table on page 3 details the standard profiles used in Shopline screens/doors
- Frame extensions are not available.
- Head vents are not available.

Glazing

- 28mm double glazed toughened sealed units as standard, comprising of 6mm clear Planitherm Plus / 6mm clear float glass with charcoal grey super spacer and argon gas. Where single glazing is specified we would use 6mm clear toughened.
Note: It is your responsibility to correctly identify the glass type required for the installation taking into account all safety, security and containment requirements. The glass sizes that can be catered for in Shopline are as follows:
 - Double Glazed Units: 24/25/26/27/28mm – our standard is 28mm
 - Single Glazing: 6/7/8/9/10/11/12mm – our standard is 6mm
- Panels are ESP200 Polystyrene with a 1.2mm Aluminium Skin to both the inner and outer face

Shopline



Unless specified we will use the following defaults: -

Doors

- Doors are fitted with a 200mm pad handle, as seen above. White handles on white aluminium profile and black on all other colours. If required you can colour match the handle to the profile.
- There is an optional D handle (230mmx30mm), this is available in white or black.
- Doors are fitted with a non-hold open concealed closure, if required there is an option to have a hold open closures.
- Doors to be fitted as standard with anti-finger trap stiles.
- Standard doors to incorporate the following locking mechanisms: -
 - **Single Door** – A single hook locking facility fitted to the centre of the door stile. Option to have extra hook lock at high or low position
 - **Double Door** – A single hook locking facility fitted to the centre of the master door style, and flush bolts fitted top and bottom to the slave door stile. Option to have extra hook lock at high or low position.
- Doors to be fitted as standard with a 12mm high double ramp threshold.
- Doors and side screens will be manufactured in modular sections for coupling together on site by the customer.
- Unless otherwise specified, screens will be quoted using 50mm mullions and transoms. (If lining through with doors corresponding transom will be changed to 144mm midrail).
- Unless otherwise specified when requested doors will be quoted using 144mm midrail.
- Max frame width – Single door 1200mm, Double door 2400mm (sash 1100)
- Min sash width - 360mm
- Max height 2500mm

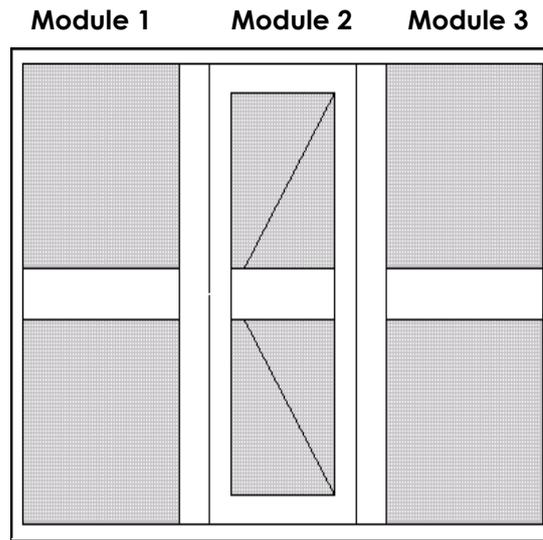
**Optional D handle
230mmx30mm**



Lead Times

Please note that at the time of publishing this datasheet the lead times for White Shopline frames is 20 working days from your order cut off day and 40 days for all other colours. Please check with the office for the most recent lead times as these are subject to change.

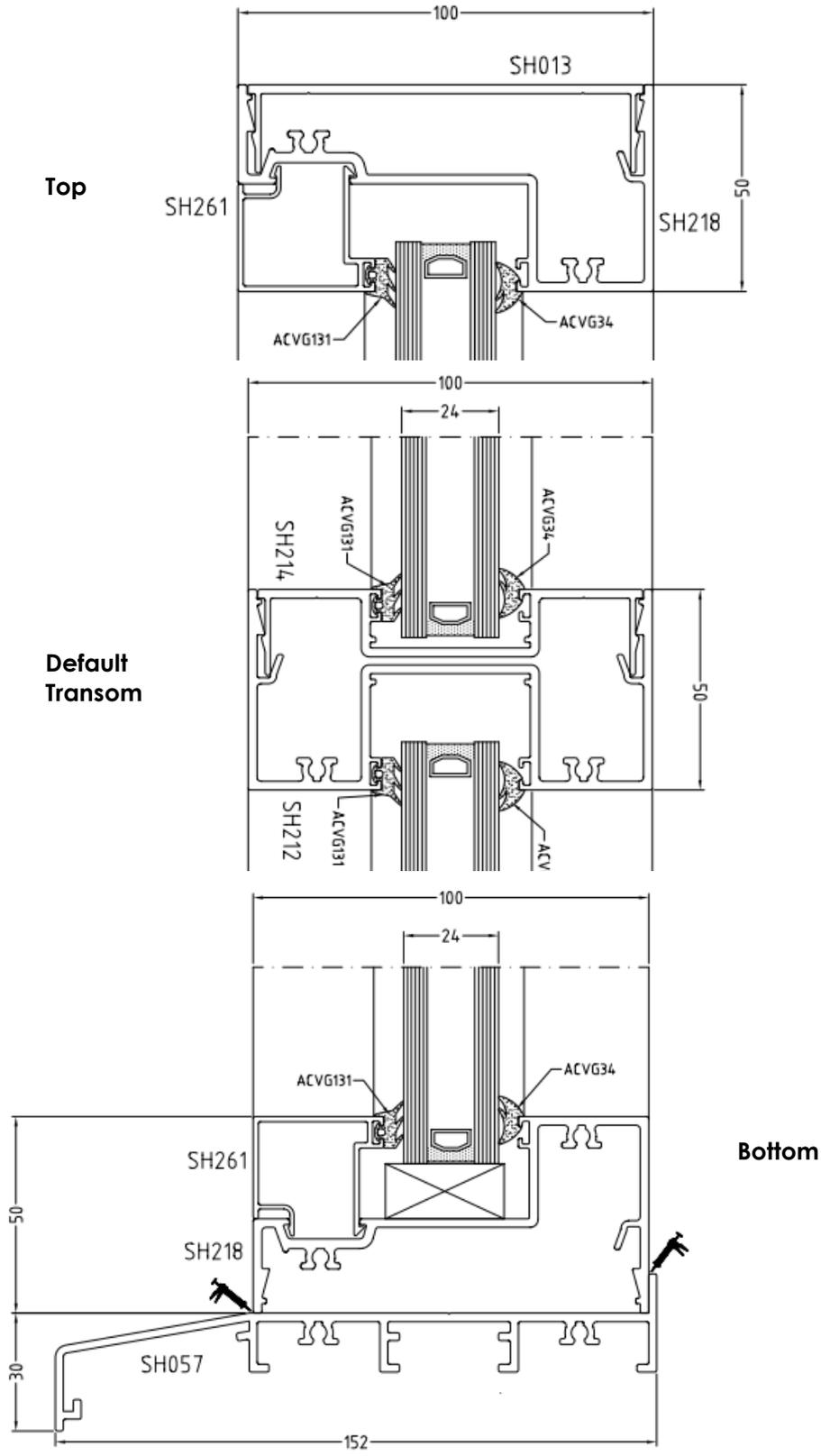
Table detailing the standard profile layouts



DOUBLE GLAZED - FRAME					
MODULE 1-Same as Screen		MODULE 2		MODULE 3-Same as module 1	
Section Description	Smarts Ref Code	Section Description	Smarts Ref Code	Section Description	Smarts Ref Code
Left Jamb	SH212 & SH013	Right Jamb	SH212 & SH270	Jamb	SH212 & SH013
Right Jamb	SH214	Left Jamb	SH212 SH035	Mullion	SH214
Top rail	SH218 & SH013	Head	SH010 SH011	Top rail	SH218 & SH013
Bottom rail	SH218 & SH056	Bottom	SH410	Bottom rail	SH218 & SH056
Midrail	SH032			Midrail	SH032
Glazing Bead	SH261			Glazing Bead	SH261

Door sash	
Section Description	Smarts Ref Code
Left Stile	SH036
Right Stile	SH020
Top Rail	SH120
Bottom Rail	SH027
Midrail	SH032
Glazing Bead	SH610

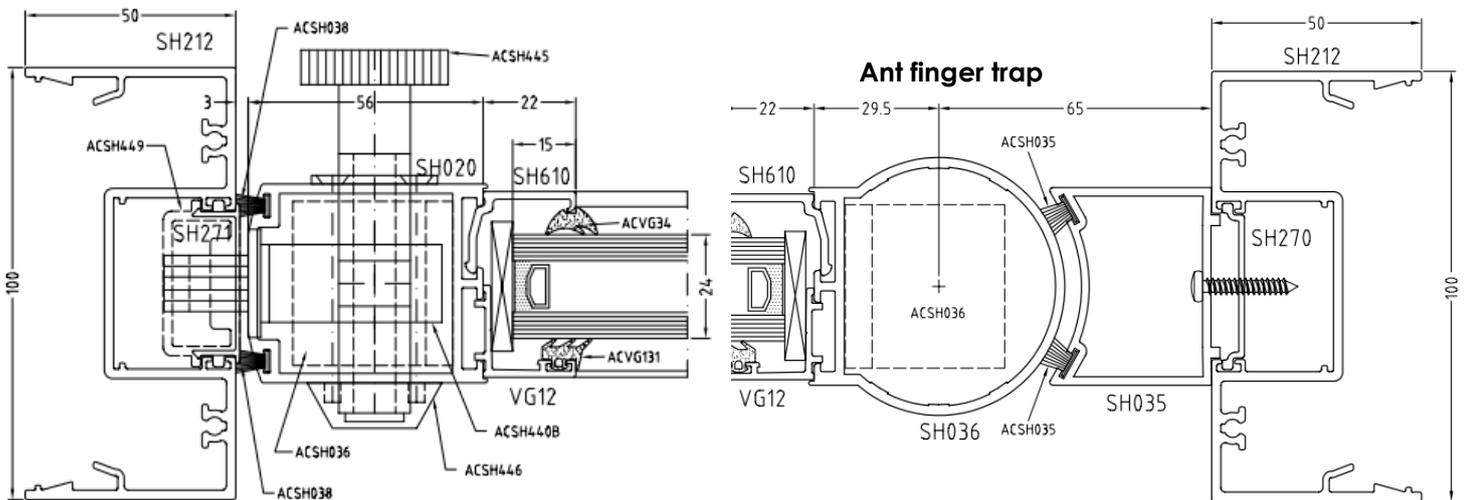
Profile Cross Sections (Fixed Frame)



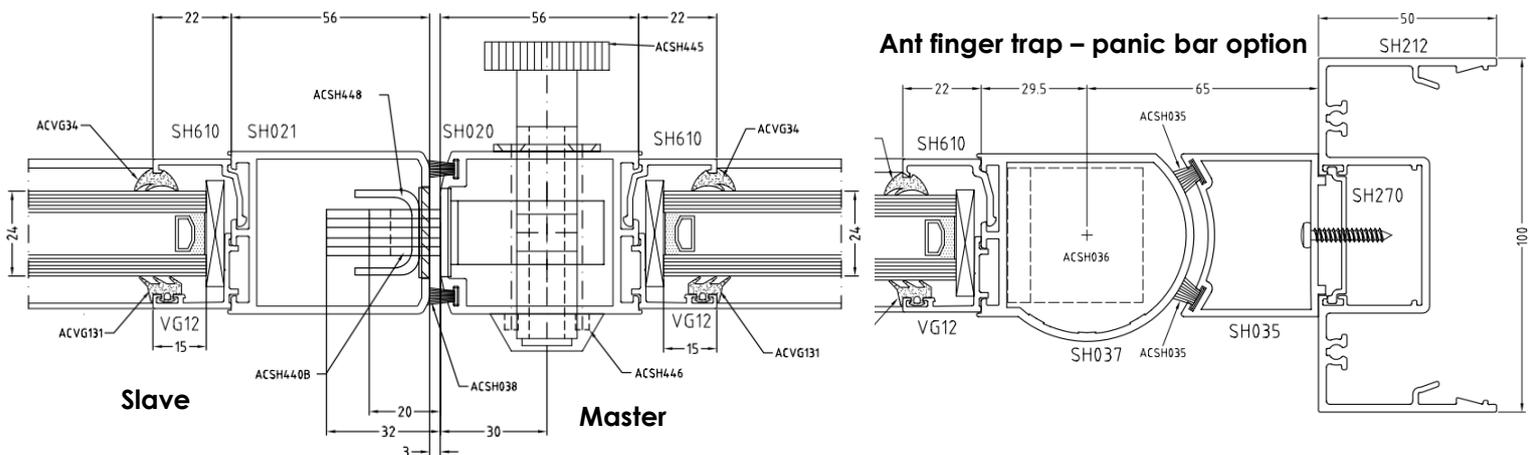
Standard profiles for a double glazed door sash

Top	SH120
Antifinger trap	SH036 + SH035
Lock Side	SH020
Bottom	SH027 – 200mm also available
Threshold	SH410 fitted as standard
Midrail	SH032 – 74mm & 200mm also available
Glazing bead	SH610
Antifinger trap (panic gearing option)	SH037 + SH035
Double door master	SH020
Double door slave	SH021

Profile Cross Sections (Single Door)

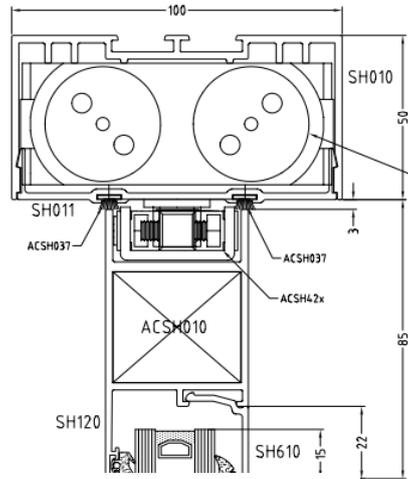


Profile Cross Sections (Double Door)

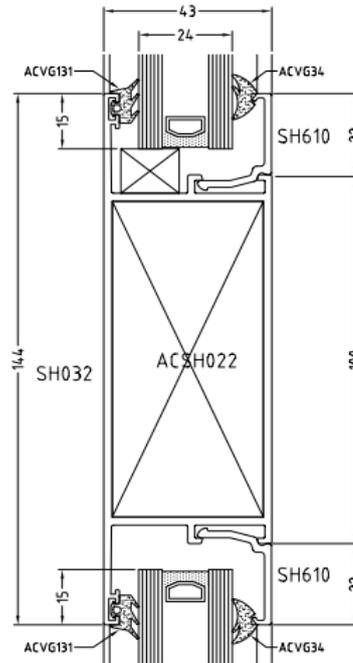


Profile Cross Sections (Single Door)

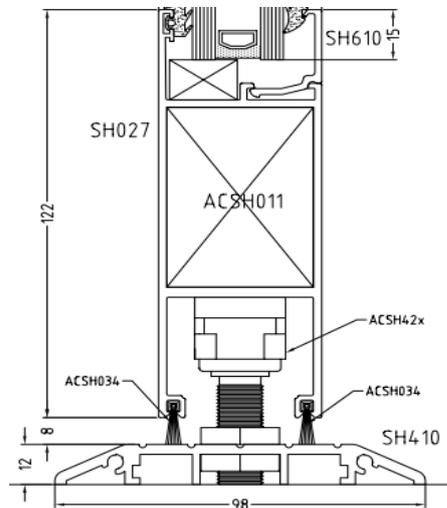
Top



Midrail



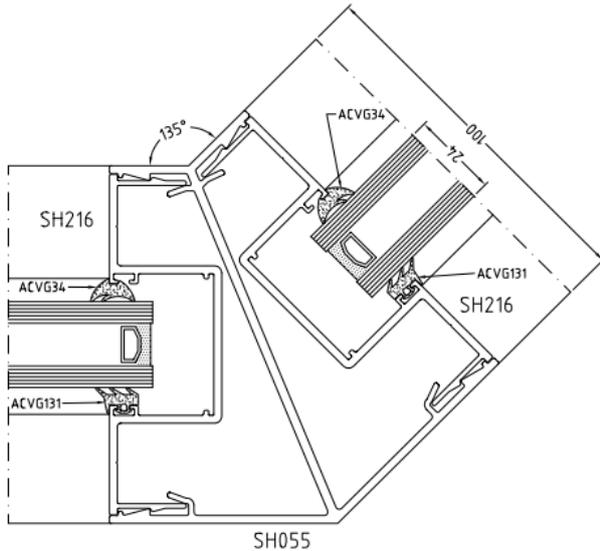
Bottom and threshold



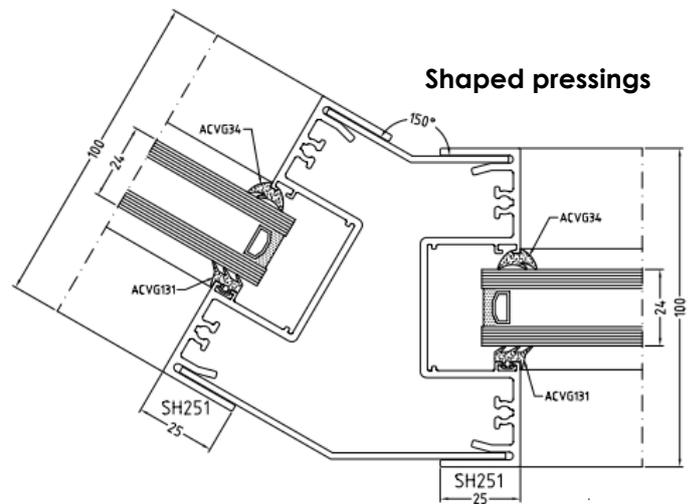
Angled Details

The system has a fixed 135 degree post, if another angle is required it has to be made up using angled shaped pressings as shown below

Part Number SH055
Fixed 135° Angle

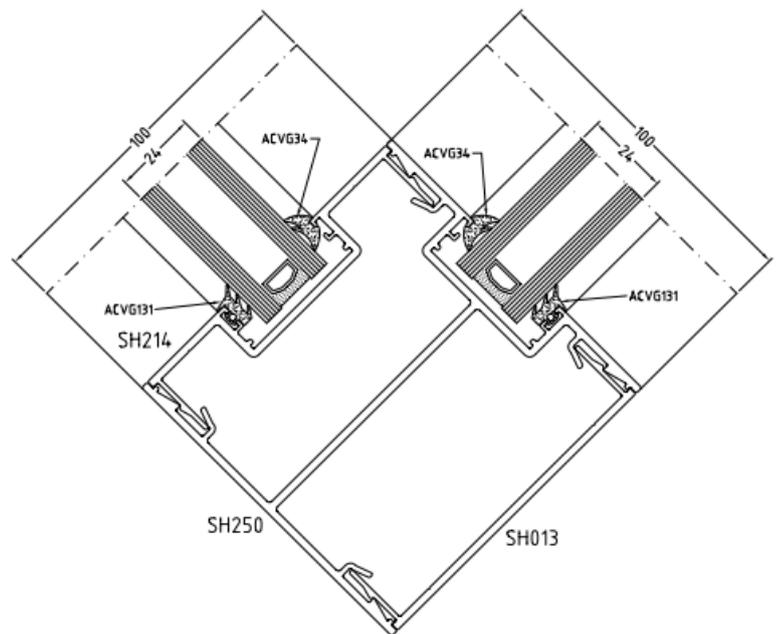
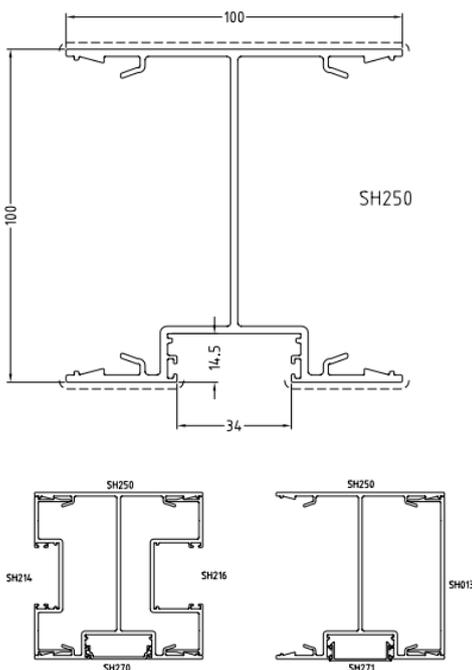


Part Numbers SH151
Variable Angle



90 degree Corner

There is no 90 degree corner post as such, but with the way the shopline profile works you can create one using the SH250 as shown below.



Customer:

Reference:

Date:

Frame Colour: *Please state*

Glass Type: e.g. single/double/width

DDA compliant:

Basic level compliance requires: -
External doors need a clear opening of 1000 (frame width of 1200)
Handle 900-1000 from floor level and contrasting colour
Door closure with max opening force of 20n

Yes / No

Internal doors

Direction of approach of wheelchair	Effective clear width mm	
	Preferred	Minimum ^a
Straight-on (without a turn or oblique approach)	800	750
At right angles from an access route at least 1500mm wide	800	750
At right angles from an access route at least 1200mm wide	825	775
At right angles from an access route at least 900mm wide	580	800

^a The minimum effective clear width should only be used in unavoidable circumstances

To achieve min. opening of 800 a frame width of 1000 is required

Door Midrail Size: 74mm 144mm 200mm

Door Closer: Hold Open Non Hold Open (*standard*) Dummy (*i.e. no door spring fitted*)

All viewed from outside

Handle:

- Non Required
- Standard 200mm Pad – White or Ral
- D Handle – Plastic Black/White
- Full Height – SA / SS

State Colour Required

Hinged/Lead: Left / Right - **Open:** In / Out

W	
A-B	
B-C	
C-D	
D-E	
H	
T-U	
U-V	
V-W	

Anti-Finger Trap Door: *AFT as standard*

High locking point:

Standard is with no high level lock

Hook bolt required

Central Locking:

- Non-required
- Hook bolt (*standard*)
- Dead latch
- Dead latch with electric strike
- Mechanical key pad
- Panic bar – concealed
- Panic pad – concealed
- Panic pad – dead latch only
- Panic outside Access

Note: For French doors slave door has finger bolts as standard except on panic bar where both leaves have panic gearing

Non-standard mechanical key pad please state

Low locking point:

Standard is with no low level lock

Hook bolt required

Threshold:

Standard low threshold



No Threshold, pls note 100mm section of low threshold has to be fitted for the door pivot

