

FX product overview

Product overview

OUTER FRAME

- 2-chamber 52 mm module profiles
- Mitre-cut assembly using self-locating crimp or pin corner cleats to join cut sections
- Flush rebate bracket
- Infill volumes identical to opening lights from 5 – 35 mm.
- Marine quality EPDM wraparound gaskets with reduced flashing
- Square or rounded mitre-cut glazing beads
- Drainage concealed in outer frame groove
- Concealed drainage option for bottom or top fixed light transoms using patented drainage spouts
- Grooveless outer frame option

OPENING FRAME

- 2-chamber, 60 mm module profiles, flush with outside of outer frame for patio doors.
- Mitre-cut assembly using self-locating crimp or pin corner cleats to join cut sections
- Support bracket in external tubing
- Flush rebate bracket
- Infill volumes identical to those for fixed lights from 5 – 35 mm.
- Marine quality EPDM wraparound gaskets with reduced flashing
- Square or rounded mitre-cut glazing beads
- Drainage via concealed oblong apertures
- Aluminium plugs for 2-leaf windows in identical colour to profiles
- Rounded central rebate. Identical window and patio door opening frames.
- Locking patio door opening frame option.

ACCESSORIES

- Aluminium or zamak accessories
- Adjustable aluminium hinges with polyamide bushings and stainless shafts
- Tilt-and-turn hardware for 90kg weight with 130kg option. Identical appearance for tilt-and-turn and in-opening hardware on inside for 2-leaf frames.
- TECHNAL® designed handle and latch
- Stainless screws
- 1- or 3-point locking for patio doors with rods in rebate
- Bottom-hung in-opening handle 'SF' option for tilt-first T/T version
- Square-shaft handle option with embedded espagnolette and 43mm escutcheon

APPLICATIONS

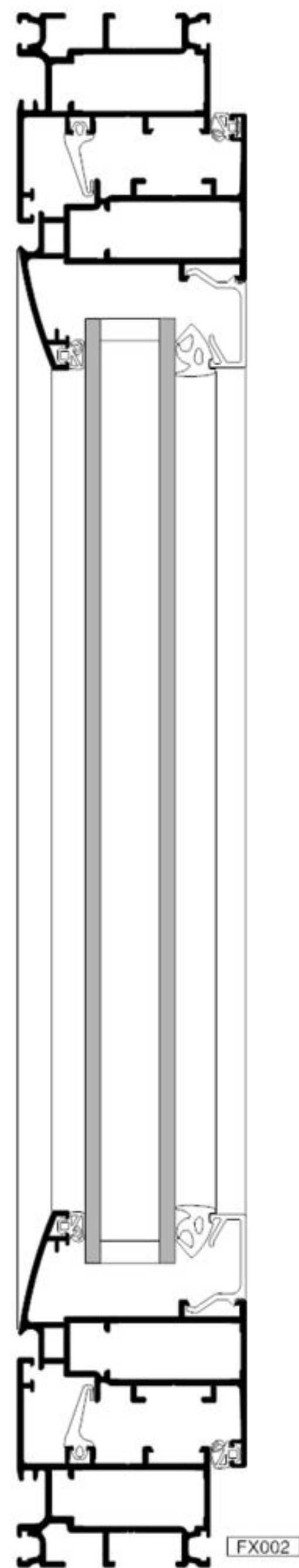
- Fixed frame
- In-opening, 1 and 2-leaf window and patio-door
- Tilt-and-turn 1 and 2-leaf window and patio-door
- Bottom-hung window
- 1 and 2-leaf locking patio door
- 1-leaf window on bottom fixed light composite frame

INSTALLATION

- Using jackscrews
- Using fixing lugs

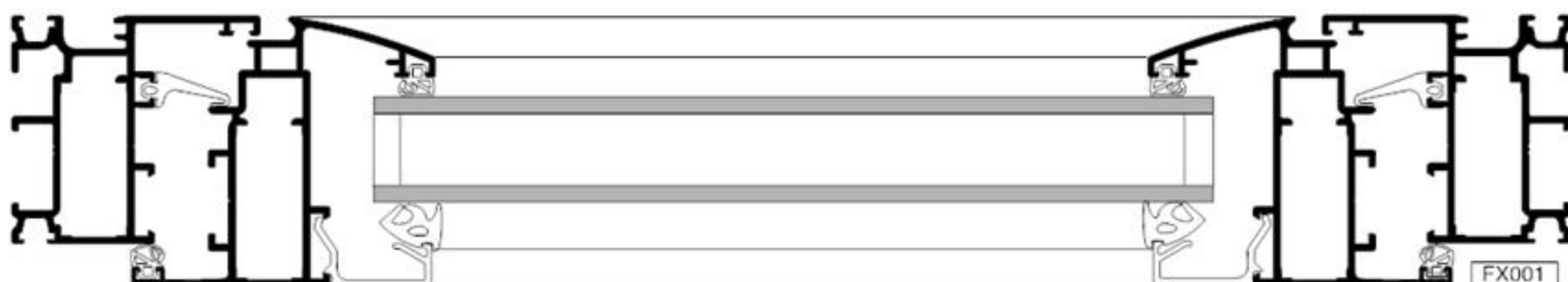


Vertical section scale 1/2



FX002

Horizontal section scale 1/2



FX001

FX performance

Acoustic performance

■ Acoustic performances:

Sound insulation measurements						
Tests carried out according to NF S31 – 051 -ISO 140 and ISO 177 standards						
Frame dimensions H x W (1.48 m x 1.47 m)						
Applications	Glass	Measurement reference	Results			Notes
			RW	RA	RA,tr	
In-opening 2-leaf window	Climalit 4/12/4	625449	33 dB	33 dB	30 dB	
In-opening 2-leaf window	35-20 4/6/10	625450	37 dB	37 dB	34 dB	
In-opening 2-leaf window	38-23 44-1R/6/8	625448	39 dB	39 dB	36 dB	
In-opening 2-leaf window	40-31 44-1R/12/10	625447	41 dB	40 dB	38 dB	
In-opening 2-leaf window	40-31 44-1R/12/10	625617	42 dB	42 dB	39 dB	With JF008 gasket
In-opening 2-leaf window	409A if 44-2S/20/642S	625776	42 dB	42 dB	40 dB	With widener ref 2100 + JF008

Sound insulation measurements						
Tests carried out according to NF S31 – 051 -ISO 140 and ISO 177 standards						
Frame dimensions H x W (1.48 m x 1.23 m)						
Applications	Glass	Measurement reference	Results			Notes
			RW	RA	RA,tr	
T/T	35-20 4/6/10	625444	37 dB	37 dB	35 dB	
T/T	38-23 44-1R/6/8	625445	40 dB	39 dB	37 dB	
T/T	40-31 44-1R/12/10	625443	41 dB	40 dB	38 dB	
T/T	43-40 44-2R/20/642R	625446	42 dB	41 dB	39 dB	with widener ref 2100
T/T	43-40 44-2R/20/642R	625449	44 dB	44 dB	42 dB	With widener ref 2100 + JF008

Estimated values: results to be confirmed by Technical Evaluation Document

Maximum dimensions

Type of application	Opening frame max. H	Opening frame max. W	Opening frame max. weight
In-opening window	1600	1000	(see charts)
In-opening patio door	2150	1000	(see charts)
T/T window	1600	1200	(see charts)
T/T patio door	2150	1200	80 kgs (see charts)
Bottom-hung	800	1200	60 kgs with 2 sash bolts if W > 800
Locking door and patio door	2150	1000	(see charts)