

Trend thermAL® Hybrid

Casement Window

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Features & Benefits

Trend thermAL® Casement Window

Glazing

Trend thermAL® is designed to accommodate up to 24mm double glazed units for maximum energy efficiency. With over 60 different glazing options there is a solution for any climate in Australia.

Among the lowest U-Values and SHGC available but at a significantly lower cost when compared to similar systems.

U-Value down to 2.6
SHGC range from 0.53 - 0.27
Cooling Efficiency 67%
Heating Efficiency 72%

Composition

Aluminium external surface for maximum strength which can be powder coated in a range of standard and designer colours for a bold external finish

Rigid polymer ERP™ is available in 3 standard steadfast colours to complement internal finishes with a subtle appearance but complementing the external finish.

Rigid polymer ERP™ internal surface designed to reduce energy transfer for highest energy efficiency

Rigid polymer ERP™ is impact modified to ensure minimal damage even during construction.

Rigid polymer ERP™ is pre-stressed to eliminate excessive shrinkage or expansion and is also UV stabilised to withstand the harsh Australian climates

Key Lock Scissor Winder

Trend thermAL® Casement window Secura winder mechanism is designed specifically for high performance, security and reliability.

The Trend thermAL® winder can be used in even the harshest environment without worry of corrosion.

Secura hardware is available in powder coat finishes with stainless steel stay mechanism.

Restricted openers to 100mm are available for safety options.

Keyed lock is standard for added security.

Window Placement

Care should be taken with locating opening casement windows in pedestrian traffic areas.

Protective Wrapping

Protective wrapping for delivery to site is a standard for all Trend thermAL® products.

Options

Easy to fit flyscreens can be fitted and removed from the inside.

Wide range of powdercoat finishes available including timber powdercoat finishes.

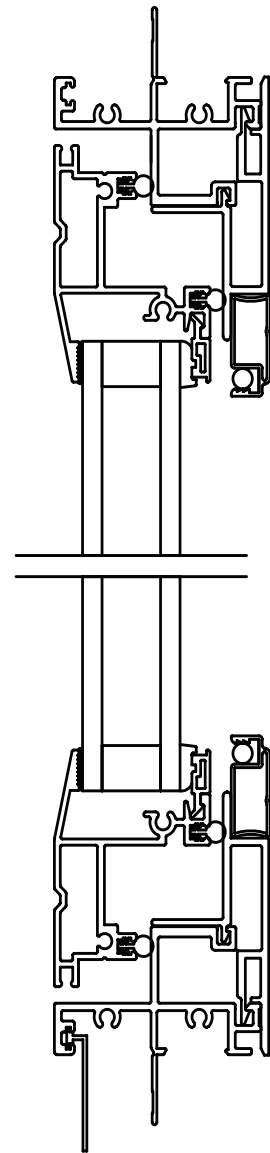
ERP™ Colours

Anodic Natural Matt
White
MattStone Beige

Maximum Size

Maximum size of single Casement is 2100mm (h) x 720mm (w)

Trend thermAL® Casement have tested and passed the BAL-40 (Bushfire Attack Level) to withstand up to 40kW/m2 of heat flux in bushfire areas



Please note that drawings are not to scale

Trend thermAL® Casement Window | TAC | Mk-1 | 1 June 2011

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Size Range

Trend thermAL® Casement Window

		666	776	1266	1566	1866	2166	2466	2766
		610	720	1210	1510	1810	2110	2410	2710
STUD OPENING	956								
	900	TAC0906	TAC0907	TAC0912	TAC0916	TAC0918	TAC0922	TAC0924	TAC0927
WINDOW	1056								
	1000	TAC1006	TAC1007	TAC1012	TAC1016	TAC1018	TAC1022	TAC1024	TAC1027
	1256								
	1200	TAC1206	TAC1207	TAC1212	TAC1216	TAC1218	TAC1222	TAC1224	TAC1227
	1421								
	1365	TAC1406	TAC1407	TAC1412	TAC1416	TAC1418	TAC1422	TAC1424	TAC1427
	1851								
	1800	TAC1806	TAC1807	TAC1812	TAC1816	TAC1818	TAC1822	TAC1824	TAC1827
	2151								
	2100	TAC2106	TAC2107	TAC2112	TAC2116	TAC2118	TAC2122	TAC2124	TAC2127
	1856								
	1800	TAC1806T	TAC1807T	TAC1812T	TAC1816T	TAC1818T	TAC1822T	TAC1824T	TAC1827T
	2156								
	2100	TAC2106T	TAC2107T	TAC2112T	TAC2116T	TAC2118T	TAC2122T	TAC2124T	TAC2127T

All windows and doors are designed to 700pa velocity and 200pa water rating. For higher ratings consult Trend® Windows & Doors

NOTES

Trend thermAL® casement windows scissor arm opens out from the bottom, giving your home good ventilation – even in wet weather. The sash design offers a wide viewing area, while its excellent sealing qualities ensure added climate control. In gusty conditions, the sturdy scissor winder mechanism prevents the window slamming.

For information on double-glazing or wind ratings, please contact Trend® Windows & Doors Sales Representative.

ERP™ Colors are Anodic Natural Matt, White & Matt Stone Beige

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Ordering Details

Trend thermAL® Casement Window

All windows are illustrated as viewed from outside. Codes shown are for plain windows.

Manufactured from aluminium and Rigid Polymer extrusion.

The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

Sash Style Options:
Standard option, eg window code TAC0906

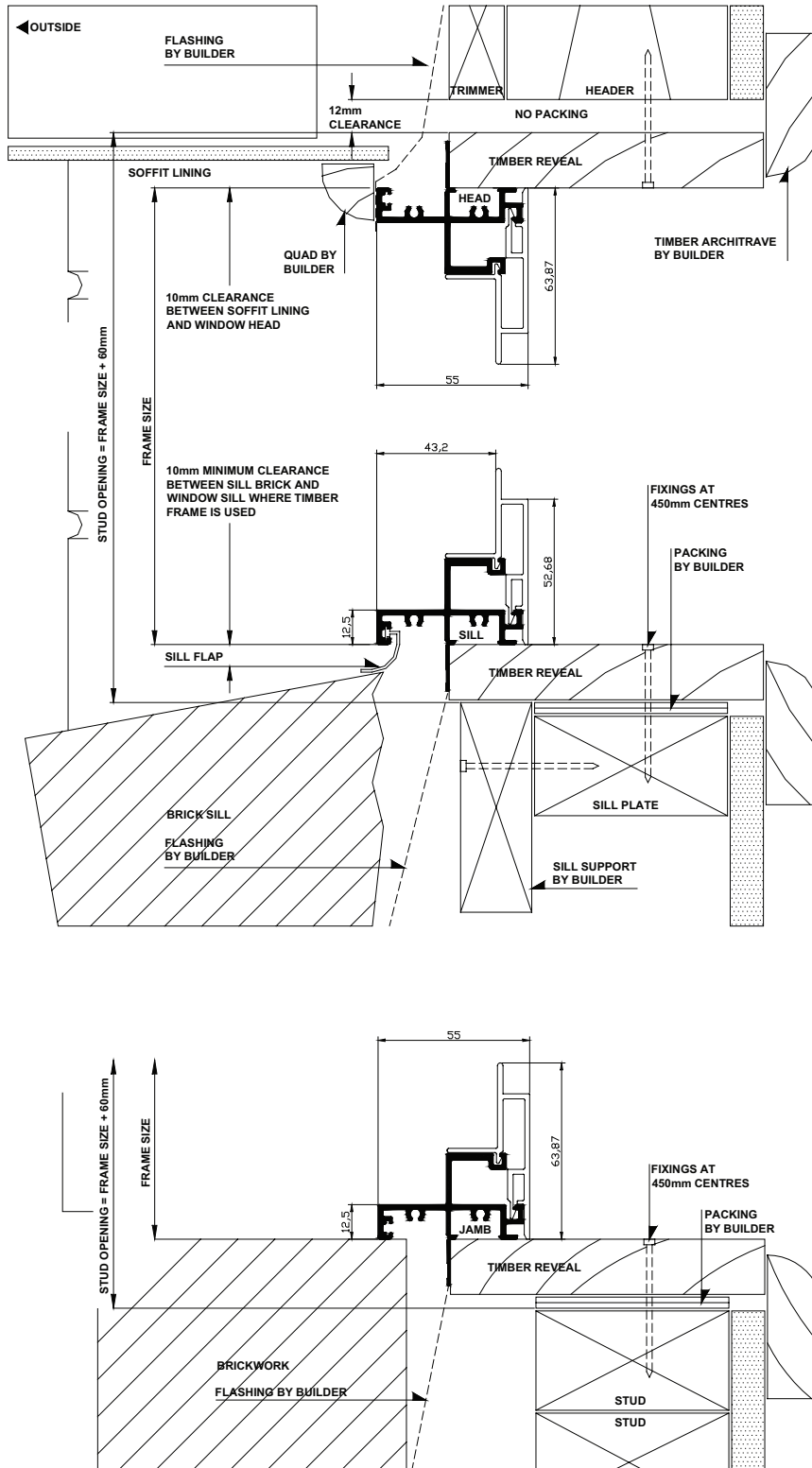
Configuration Options:
L indicates Left Hand Hinge
R indicates Right Hand Hinge
F indicates Fixed
LL indicates Left Hand\Left Hand
LR indicates Left Hand\Right Hand
LF indicates Left Hand\Fixed
RR indicates Right Hand\RightHand
FR indicates Fixed\RightHand
FF indicates Fixed\Fixed
LFR indicates Left Hand\Fixed\Right Hand
LLL indicates Left Hand\Left Hand\Left Hand
RRR indicates Right Hand\Right Hand\Right Hand
FLF indicates Fixed\Left Hand\Fixed
FRF indicates Fixed\Right Hand\Fixed
LRR indicates Left Hand\Right Hand\Right Hand
LLR indicates Left Hand\Left Hand\Right Hand
FFF indicates Fixed\Fixed\Fixed
T after the size indicates a Transom

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Installation

Trend thermAL® Casement Window | Building In Detail | **Brick Veneer - 230mm wall**

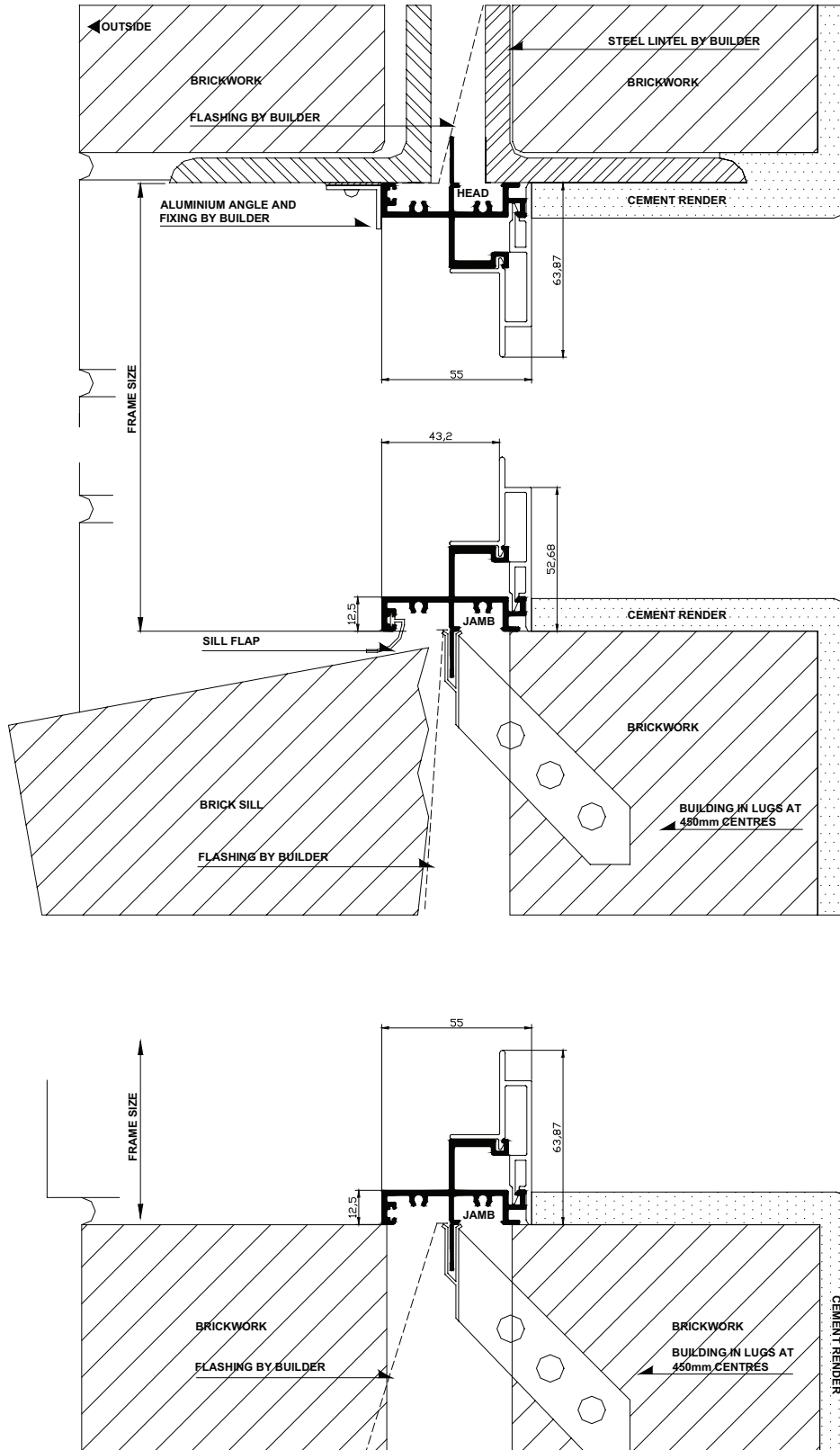


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Installation

Trend thermAL® Casement Window | Building In Detail | **Double Brick - 280mm wall**



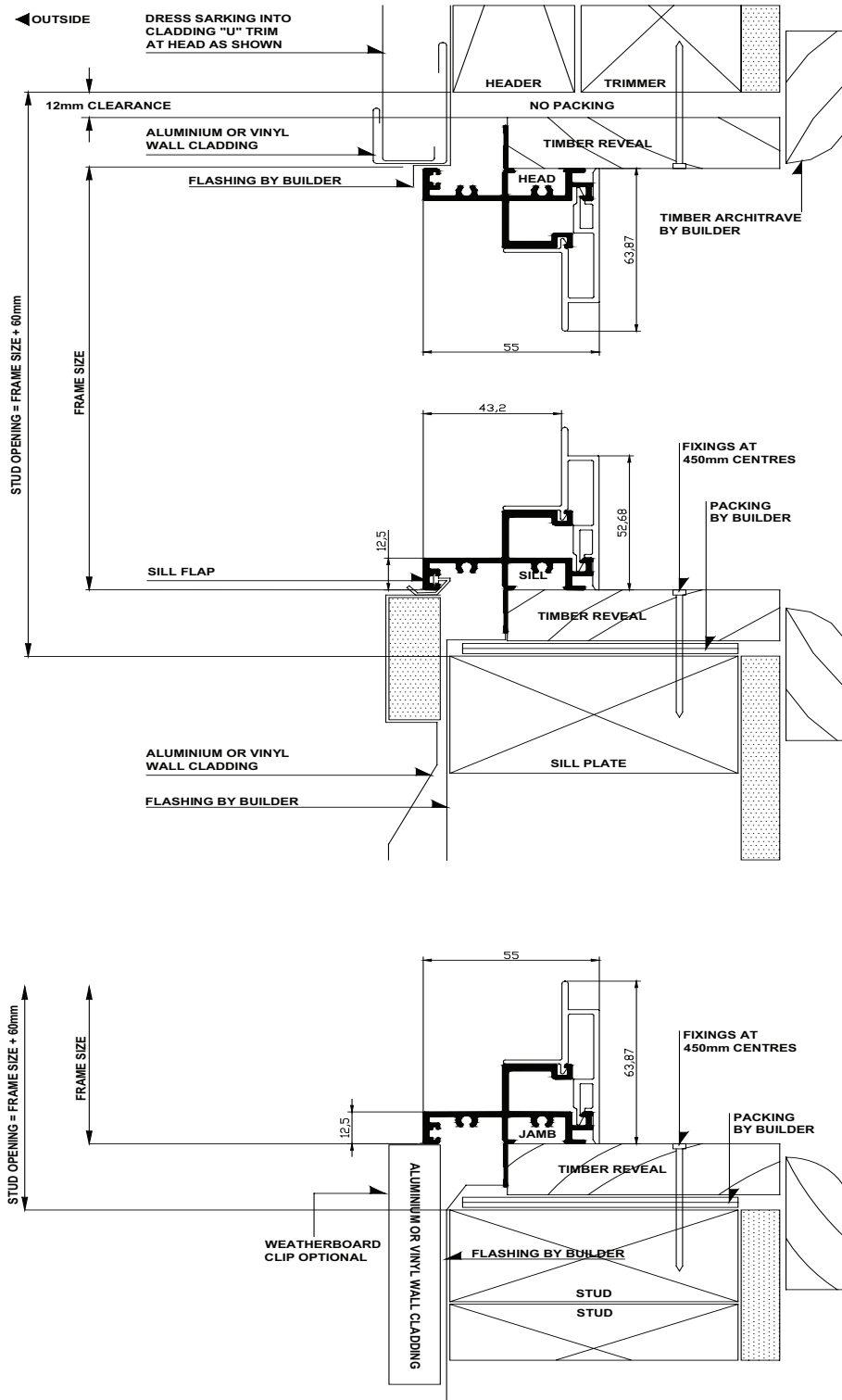
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Installation

Trend thermAL® Casement Window | Building In Detail | Aluminium Cladding on Studs



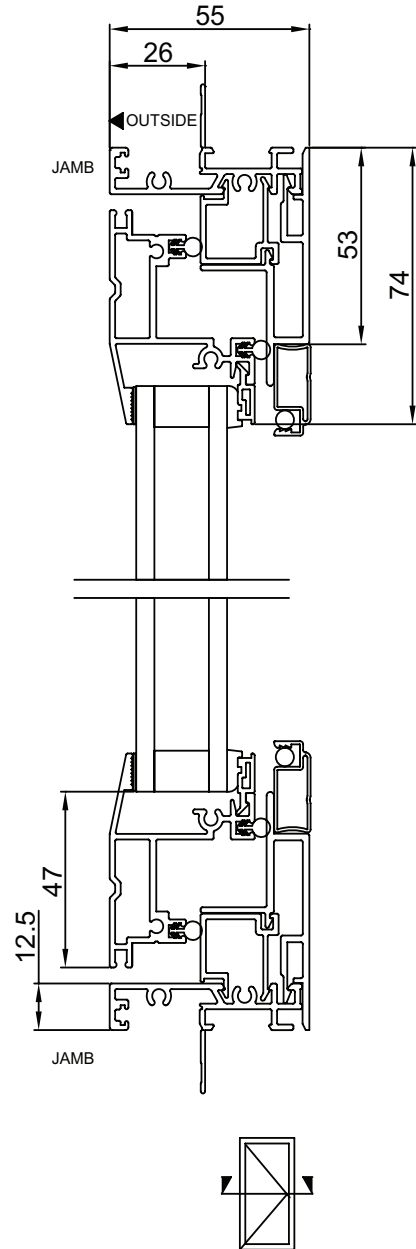
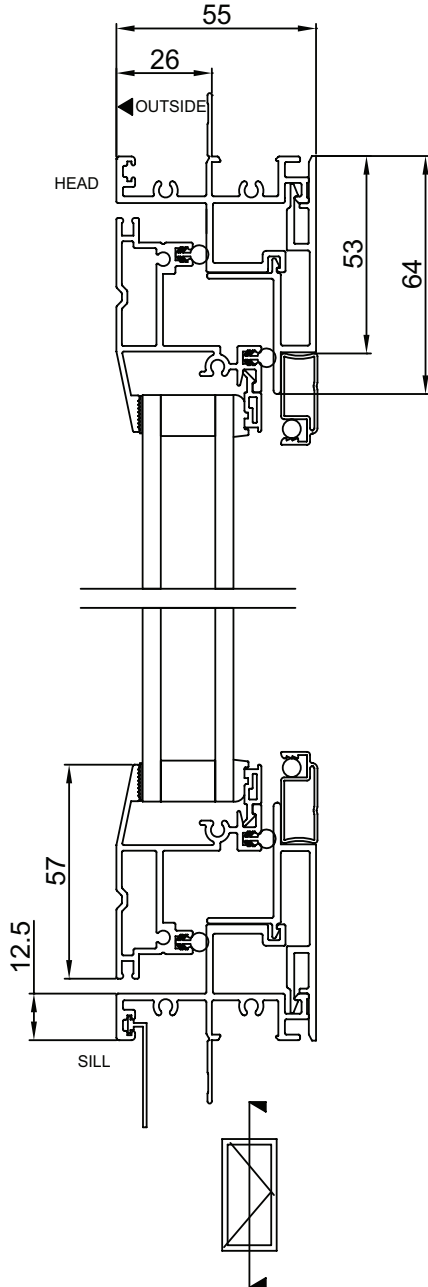
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Cross Sectional Views

Trend thermAL® Casement Window | **Casement Single Lite - Double Glazed**



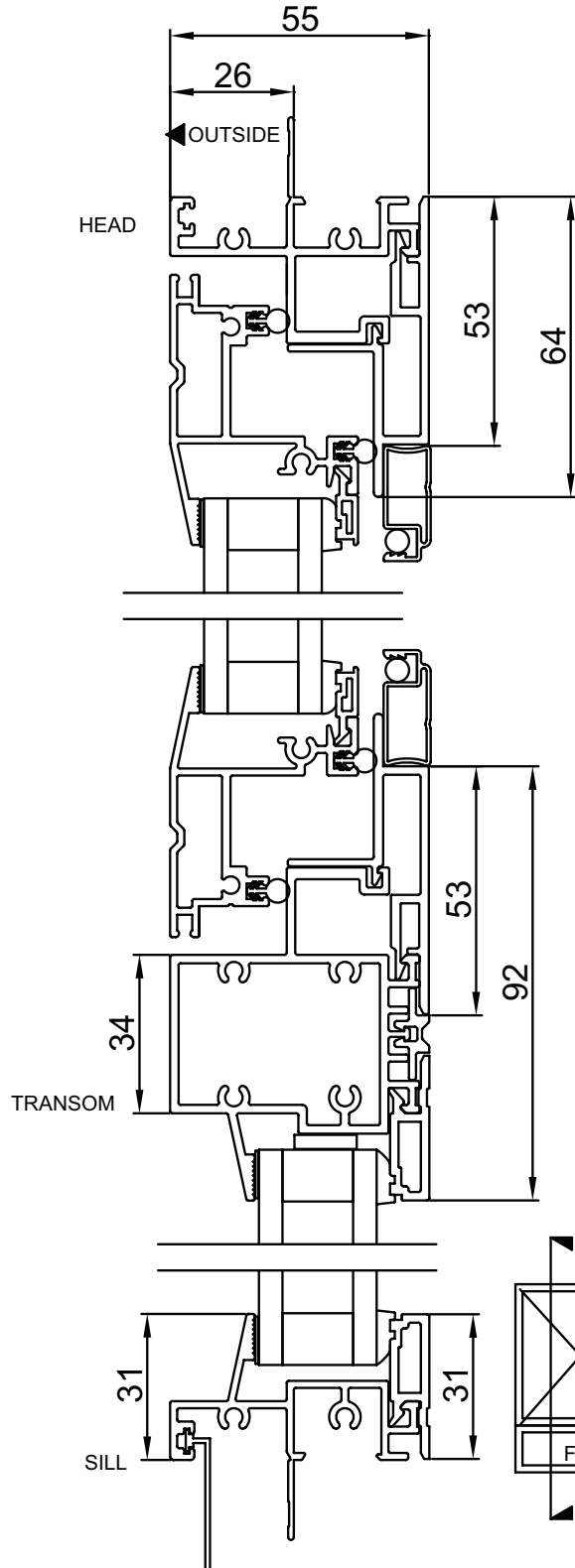
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Cross Sectional Views

Trend thermAL® Casement Window | **Casement with Fixed Low Lite - Double Glazed**



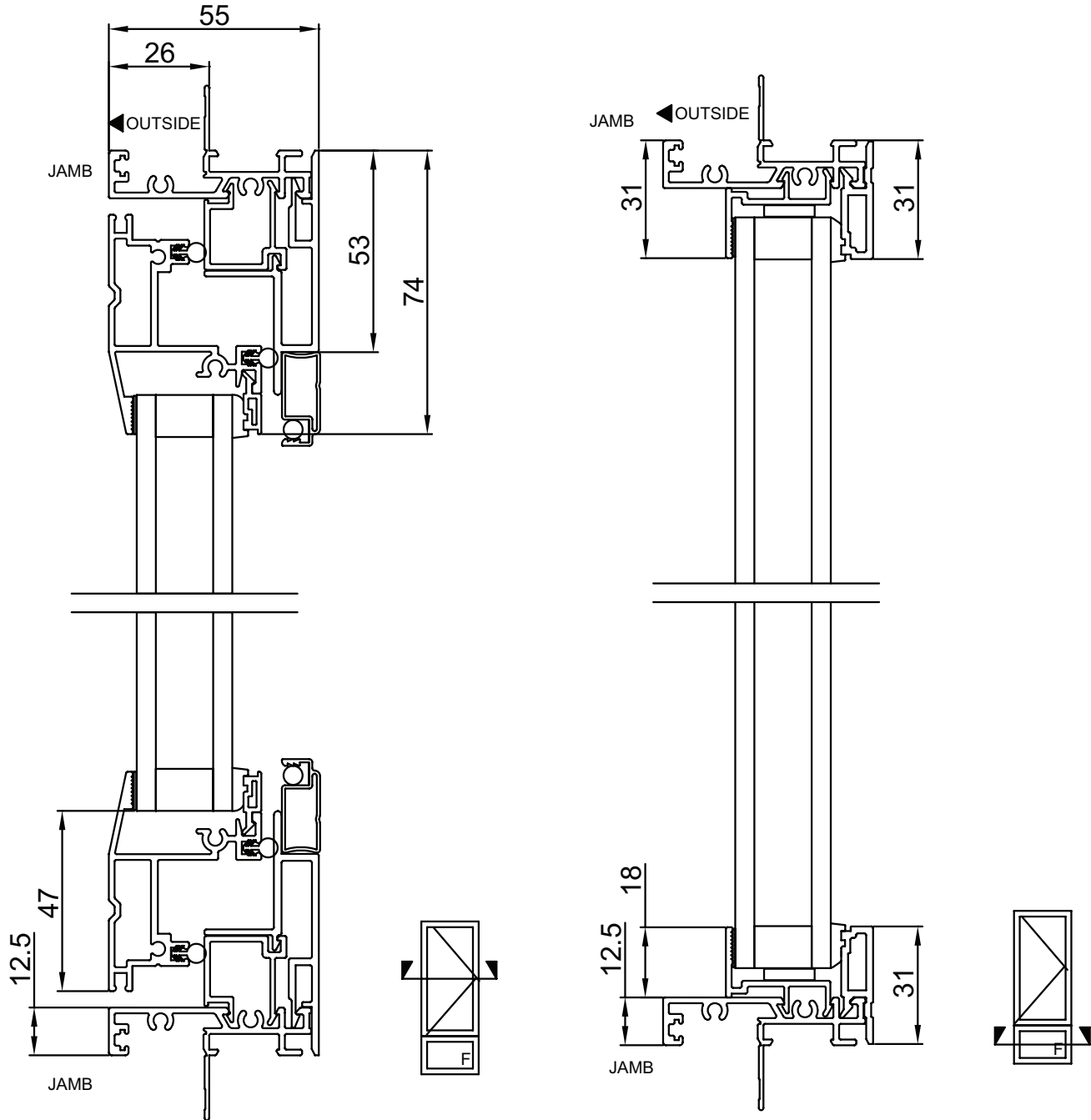
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Cross Sectional Views

Trend thermAL® Casement Window | Casement with Fixed Low Lite - Double Glazed



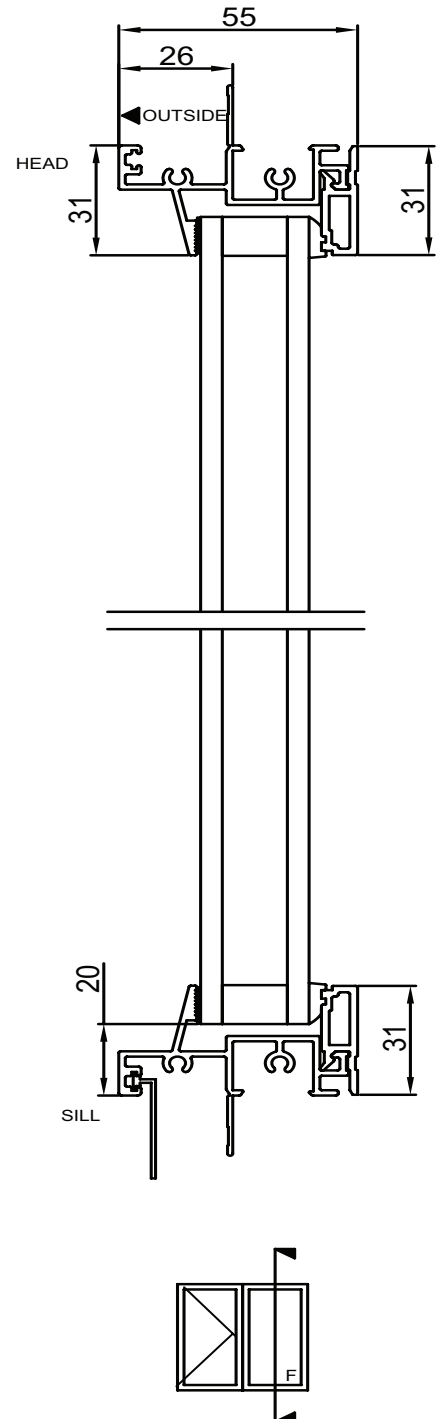
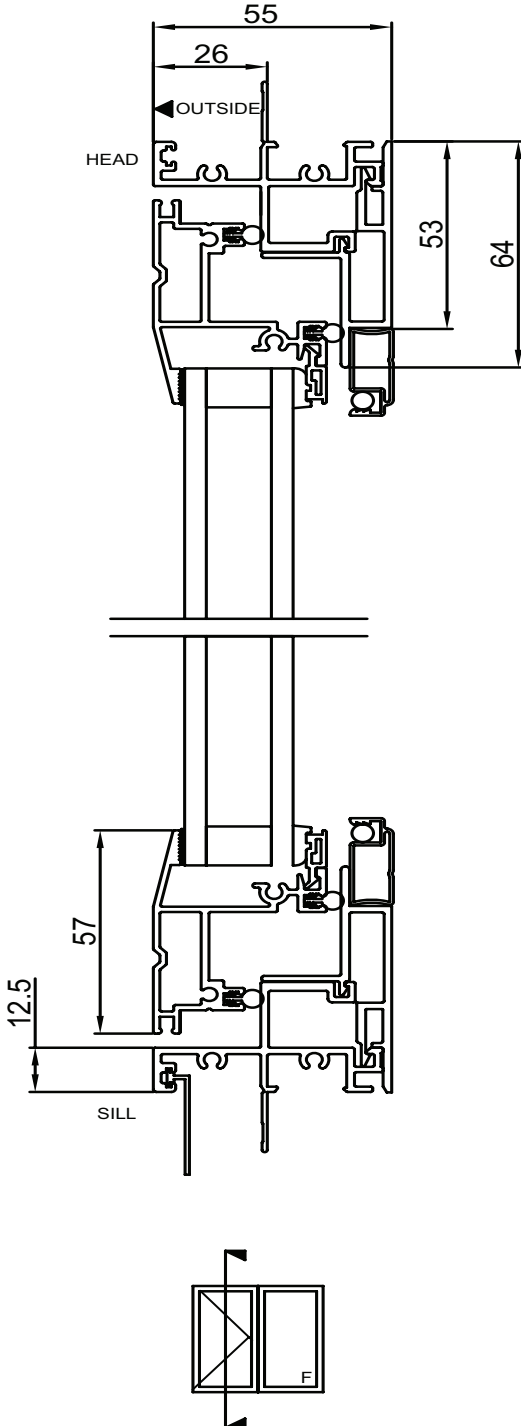
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Cross Sectional Views

Trend thermAL® Casement Window | Casement/Fixed - Double Glazed



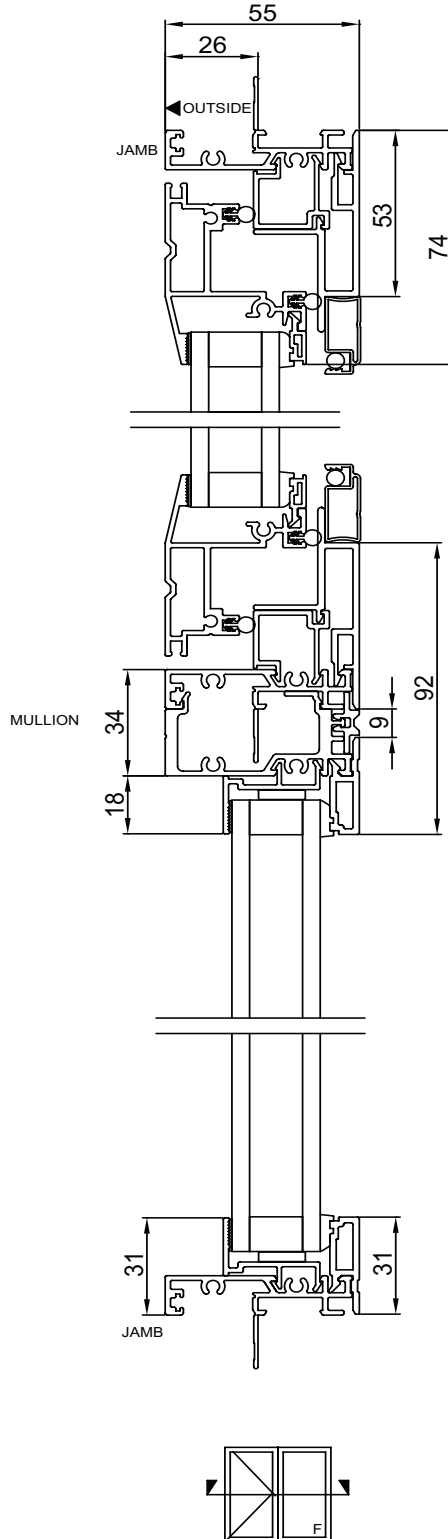
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Cross Sectional Views

Trend thermAL® Casement Window | **Casement/Fixed - Double Glazed**



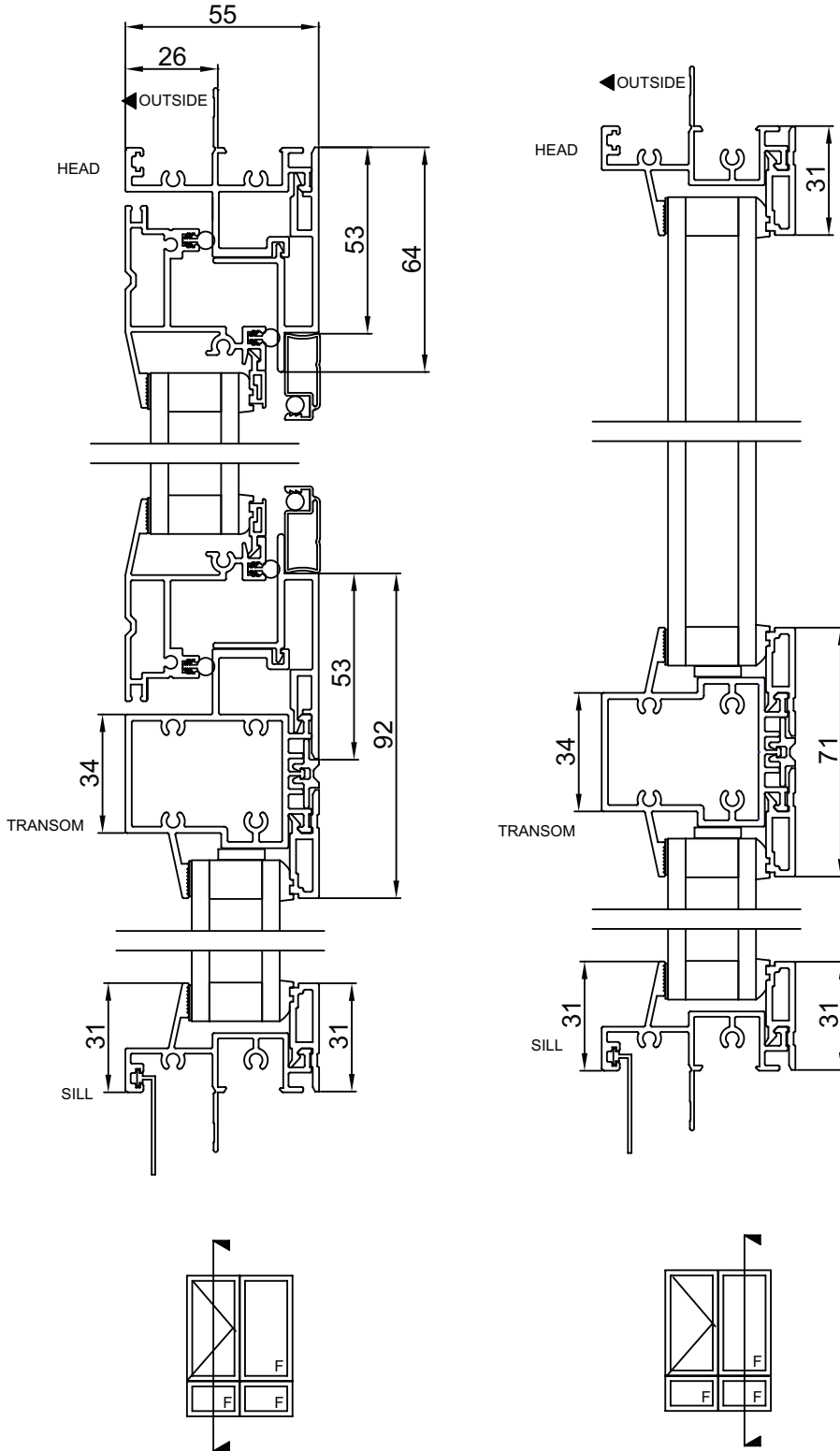
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Cross Sectional Views

Trend thermAL® Casement Window | Casement/Fixed with Low Lite - Double Glazed



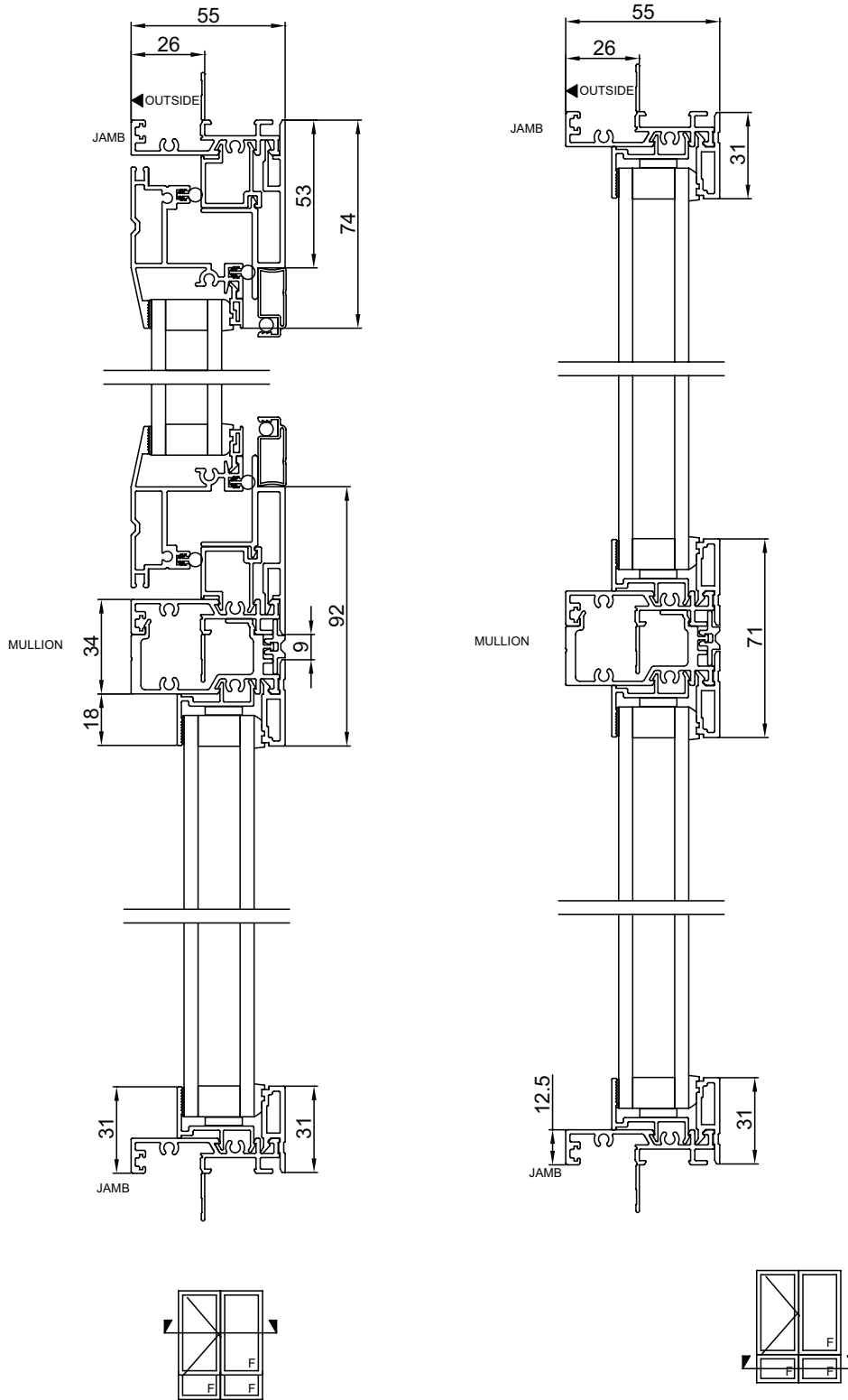
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Cross Sectional Views

Trend thermAL® Casement Window | **Casement/Fixed with Low Lite - Double Glazed**

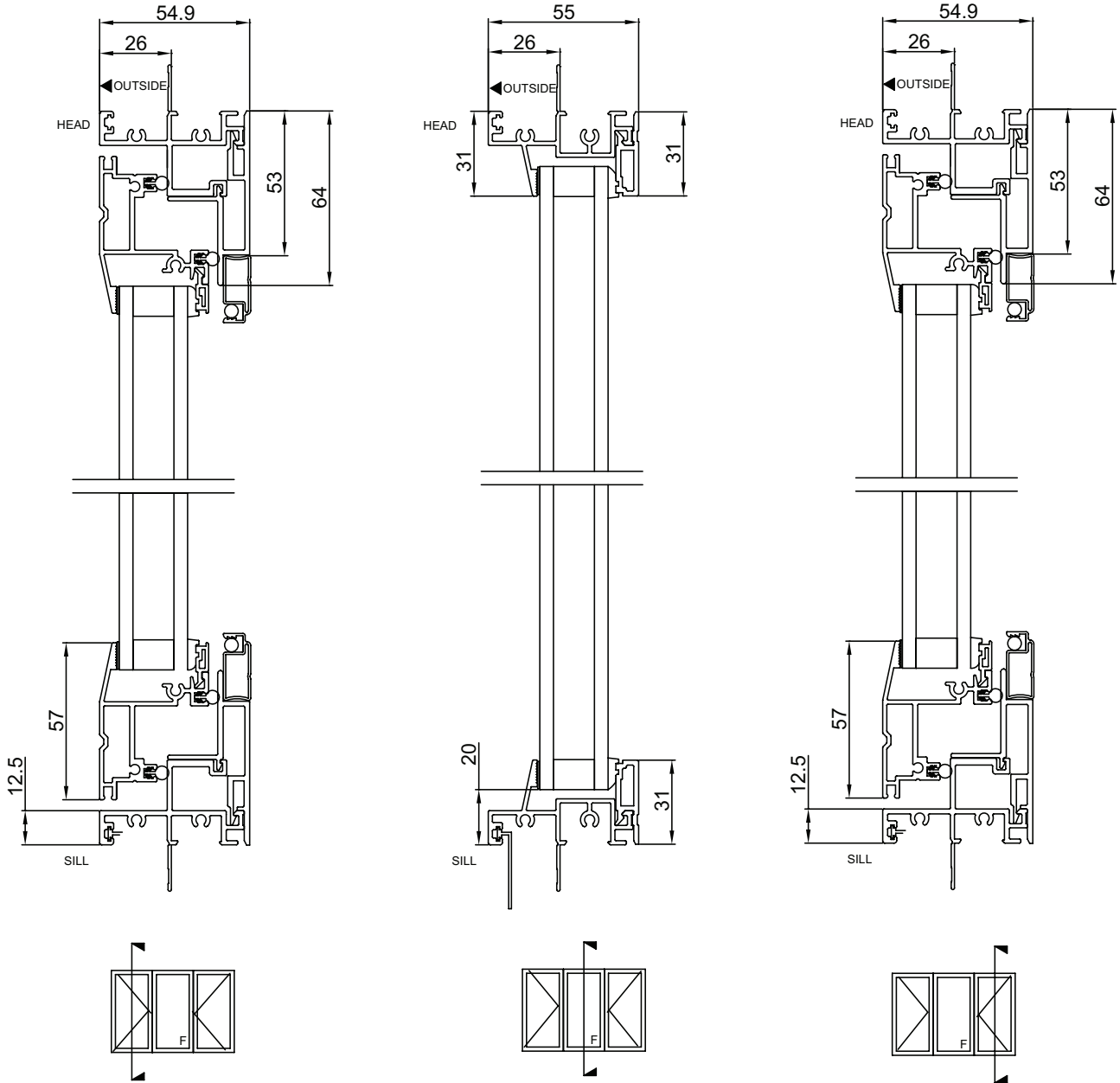


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Cross Sectional Views

Trend thermAL® Casement Window | **Casement/Fixed/Casement - Double Glazed**



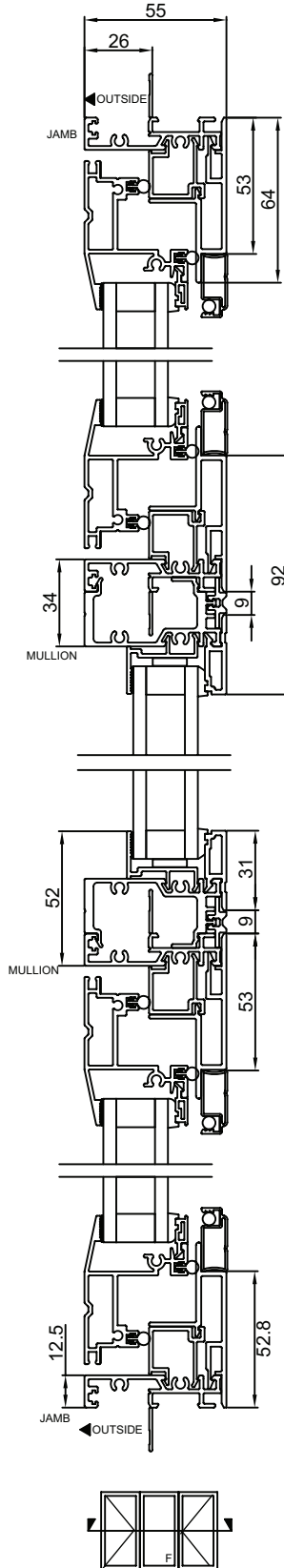
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Cross Sectional Views

Trend thermAL® Casement Window | **Casement/Fixed/Casement - Double Glazed**

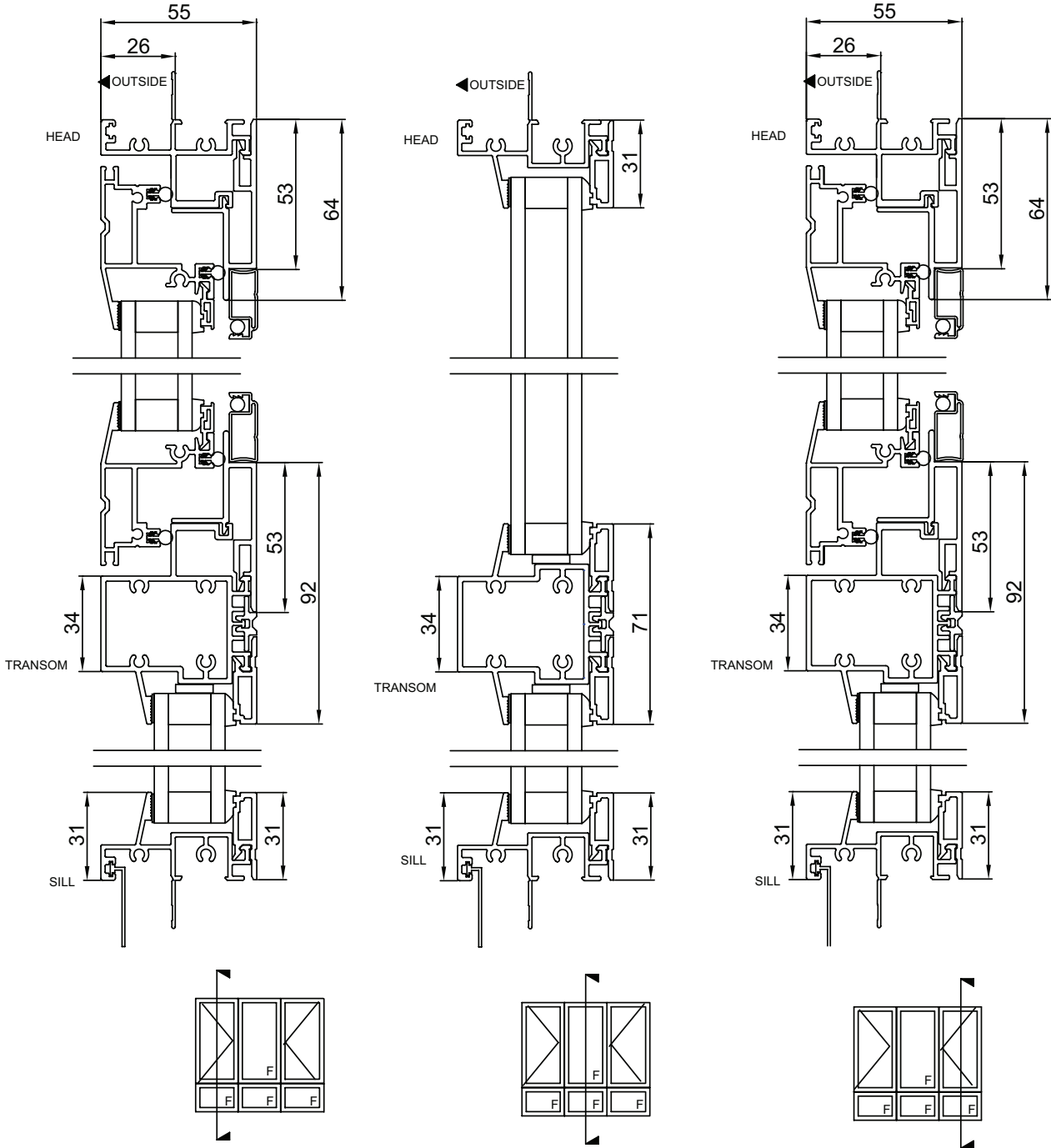


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Cross Sectional Views

Trend thermAL® Casement Window | Casement/Fixed/Casement with Fixed Low Lites - Double Glazed



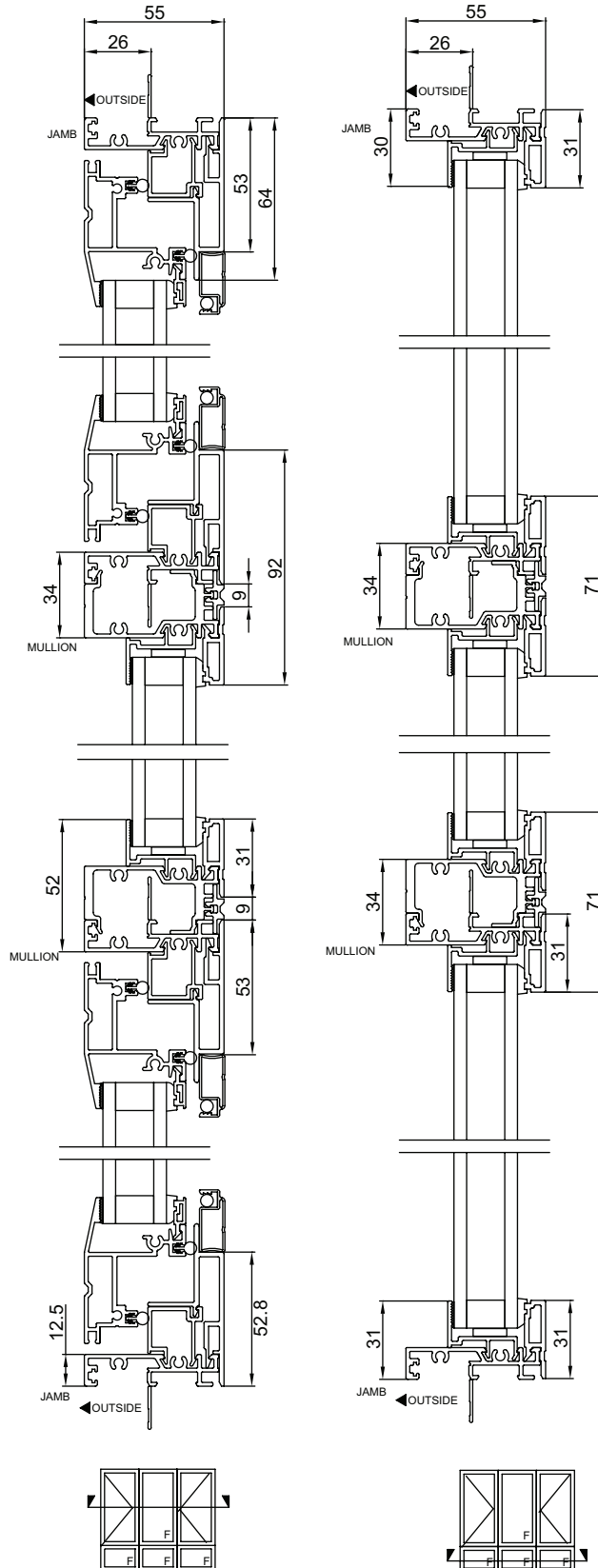
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Cross Sectional Views

Trend thermAL® Casement Window | Casement/Fixed/Casement with Low Lites - Double Glazed



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