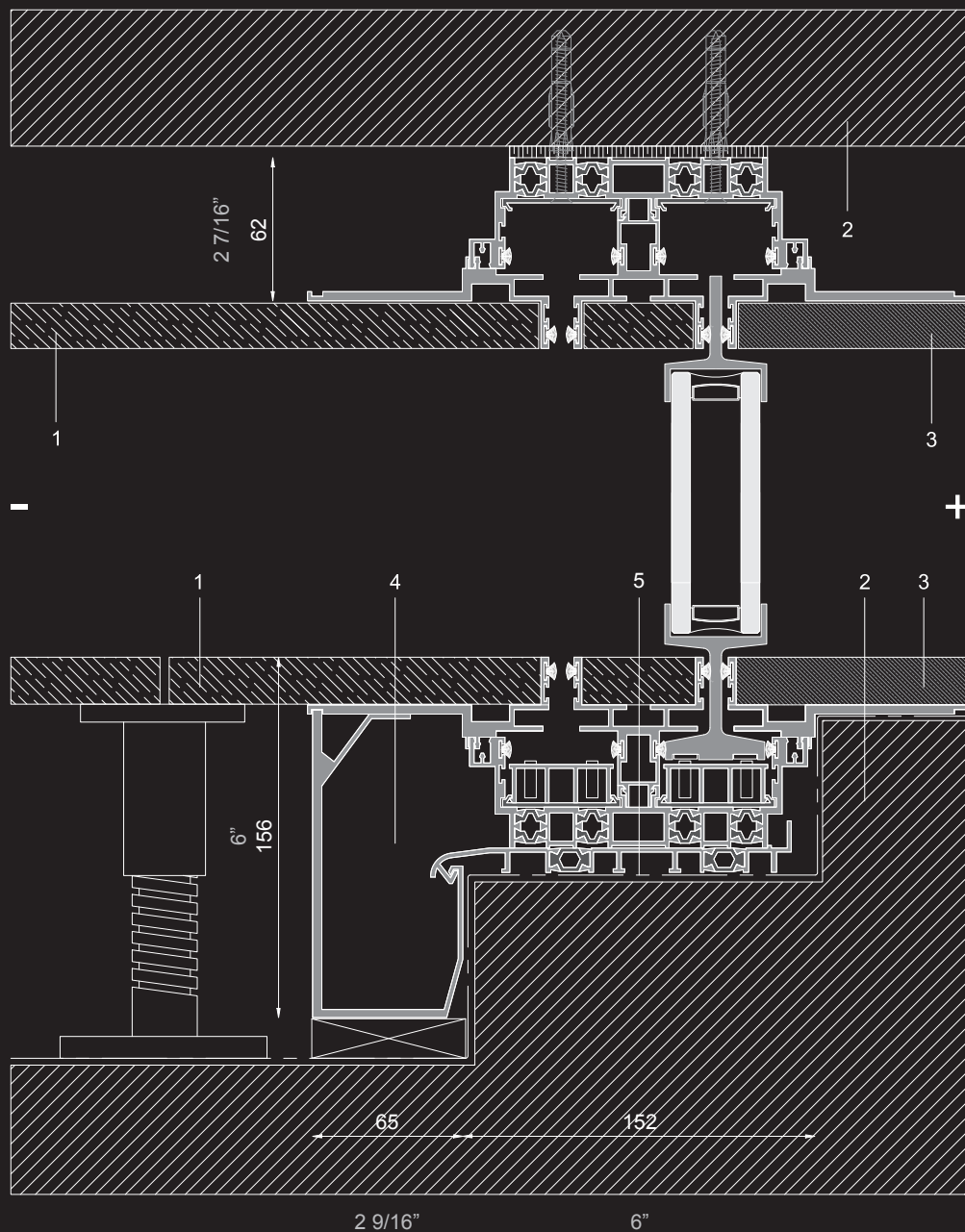
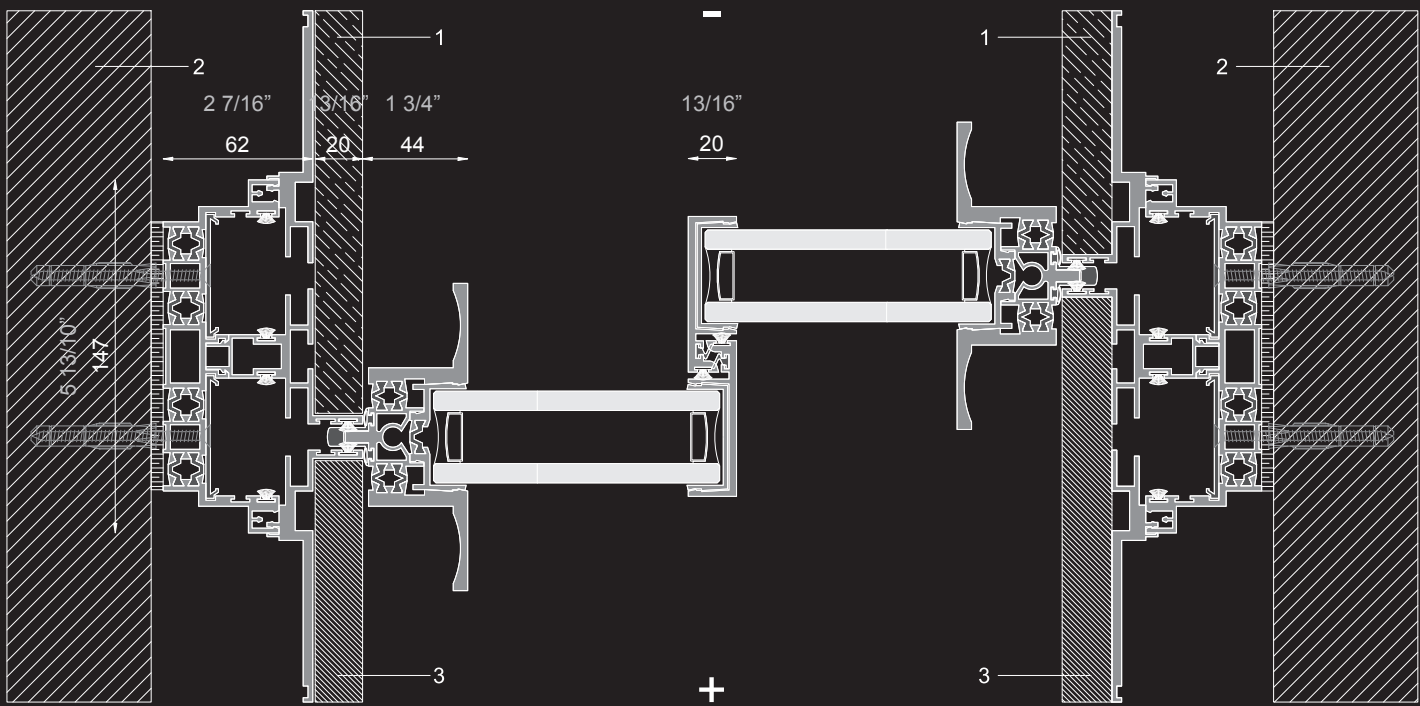




20
7/8"
2 15/16"
72
2 1/2"
63

- exterior
+ interior

- 1 external finishing
- 2 structure
- 3 internal finishing
- 4 drainage channel
- 5 waterproofing

2 9/16" 6"



OTIIMA FUSION



OTIIMA FUSION is an advanced system seamlessly integrated into architectural materials. It features a hidden header, sill, and jamb frames. Its minimalistic design gives the illusion of “floating” glass door panels, ensuring superior thermal and structural performance.

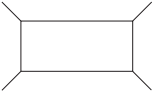
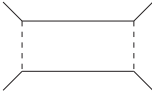
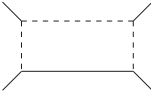
The system excels in drainage, effectively managing rainwater even in extreme conditions. It has also achieved exceptional results in leakage tests and is rated E1650 class (7 classes above 9a) per EN + ISO EN 1027.

The FUSION system supports 38mm insulated glass and 54mm that accommodate triple-glazing for higher thermal performance.

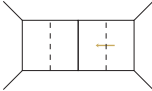
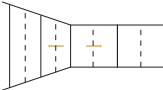
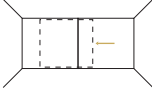
Performance up to

Watertightness ISO EN 12208 + ISO EN 1027	E1650 (7 classes above 9A) *1
Air Permeability ISO EN 12207 + ISO EN 1026	Class 4 (600 Pa or 110 Km/h) *1
Wind Resistance ISO EN 12210 + ISO EN 12211	Class C5 (2000 Pa or 200 Km/h) *1
Impact Resistance ISO EN 12600 + ISO EN 1630	Class 5
Acoustic Insulation ISO EN 10140 + ISO EN 717	Rw: 42 db (up to)
Security ISO EN 1628 + ISO EN 1629 + ISO EN 1630	RC2: (WK2) *2
Calculation Mododule 4.60 x 3.00 to Thermal Transmittance ISO EN 10077-1 + ISO EN 10077-2 (up to)	
Thermal Transmittance (38mm) Uw Ug = 1,0	up to Uw 1.63 W / m2 K
Thermal Transmittance (54mm) Uw Ug = 0.5	up to Uw 1.29 W / m2 K

Frame options

		
Fusion Option I	Fusion Option II	Fusion Option III

Window Features

● monorail ●● birail ●●● trirail ★ customized		
horizontal sliding standard		
horizontal sliding corner		
horizontal sliding hidden pocket		
glass features curved		

Window Customizations

track system visible / hidden bearings	hidden
flyscreen full frame	●
exclusive anti-freeze system	●
locking mechanisms exclusive invisible lock *3	●
locking mechanisms multiple point lock *3	●
automation	●

*1 Fusion 38 (Option III) - 3020 x 2950 mm
*2 Value reached with hidden lock on Option II and III.
*3 Available on Option II and III.

Glass Thickness

A	38 mm
B	54 mm

Glass Type

A	Double Glass
B	Triple Glass

