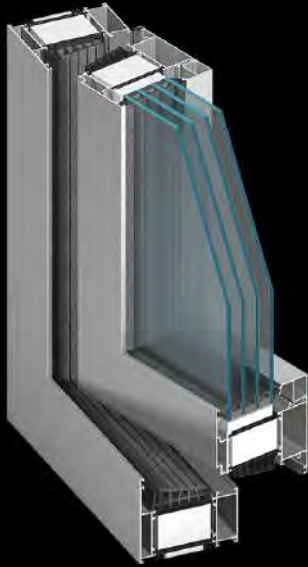


# KLAR 104- PASSIVE

# KLAR

STUDIO | WINDOWS+DOORS



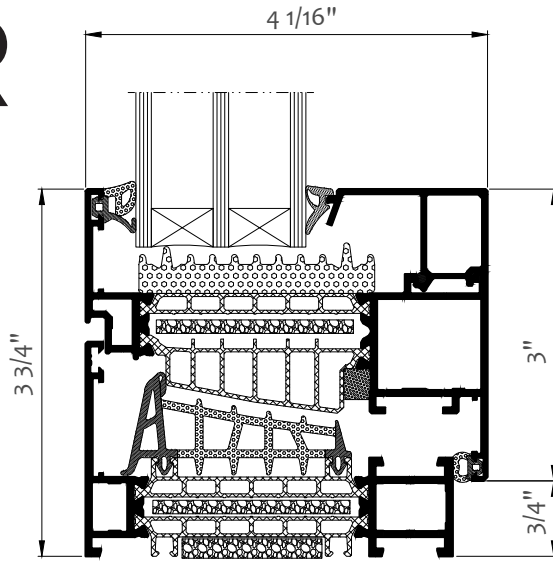
The KLAR 104 Passive is a thermal break-equipped window & door system that provides the highest thermal insulation performance, and meets all the requirements for passive building components.

The KLAR 104 Passive system's profile construction comes in two variants, depending on the requirements for thermal energy savings: SI and AERO

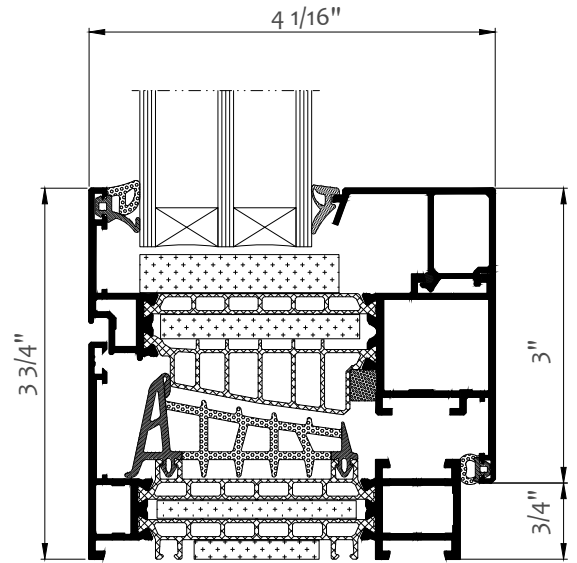


# KLAR

STUDIO | WINDOWS + DOORS



Window – cross-section KLAR-104 PASSIVE SI



Window – cross-section KLAR-104 PASSIVE Aero

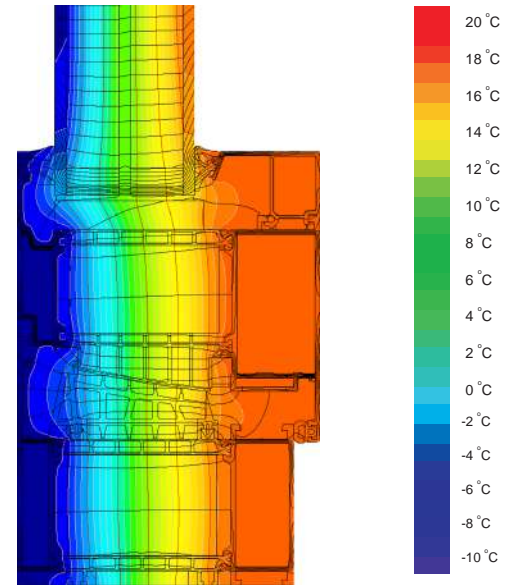
AVAILABLE IN..



Window –KLAR 104 PASSIVE Aero  
U VALUE= from 0.09



Window –KLAR 104 PASSIVE SI  
U VALUE= from 0.09



Isotherm distribution  
MB-104 Passive Aero

Climate-by-climate Recommendations for Window Performance

ASHRAE/IECC/DOE North American Climate Zone	Overall installed window U-value Btu/h.ft <sup>2</sup> .F	Center -of-glass U-value Btu/h.ft <sup>2</sup> .F	SHGC- South	SHGC- North, East, West
6	<0.13	<0.12	>0.50	Any
5	<0.14	<0.13	>0.50	Any





# FEATURES

# KLAR

STUDIO | WINDOWS + DOORS

- windows available as fixed or open in, tilt and turn, tilt and slide
- windows certified by the Passive House Institute PHI Darmstadt.
- excellent weather tightness & thermal insulation performance
- safety locking
- large size door constructions available
- wide range of glazing, up to 81 mm allowing for triple and fourfold glazing units
- can use surface, roller or concealed hinges
- expansion joint profiles for the door leaf
- anti-burglary windows and doors up to RC3 class
- multitude of finish options
- dual color options



Thickness

- frame: 95 mm
- leaf: 104 mm



Energy efficiency (Uw)

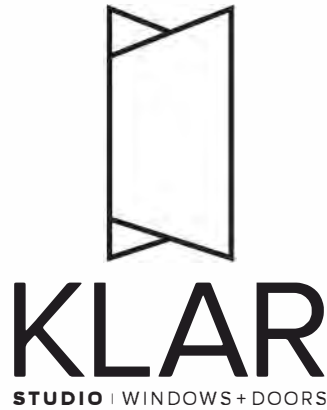
- from 0.09



Sound-proofing (Rw)



Guarantee



KLAR Studio was established with the sole mission to provide fully customizable, and energy efficient windows. We are a dedicated team of professionals located on the Gold Coast of Connecticut. Visit us and explore KLAR's unique combination of European innovation, efficiency, engineering and cutting-edge design. All of our windows, doors and accessory products are built with uncompromising precision and are fully guaranteed to last. Employing state-of-the-art production techniques and materials, including aluminum, steel, and wood, we offer an infinite amount of options, sizes, and glazing that are suitable for both modern and traditional applications.

Our customers range from homeowners, architects, designers, construction firms, developers and private institutions. We work with our clients individually to ensure the ultimate in quality, customer satisfaction and proper installation for all projects.

We invite you to discover KLAR Studio|windows+doors and how we can add value and transform your project.

