

Serenity - STC 35 Wood Door with Aluminum Frame FAQ

Q: What is Serenity?

A: Serenity is the first door opening of its kind in the industry to combine the beauty of an STC wood door and the clean lines of an aluminum frame without compromising the STC (Sound Transmission Class) values.

Q: How has Serenity expanded?

A: Serenity can now offer sound rated openings with sidelights to allow for optional elevations that include glass.

Q: What types of wood doors are available with the STC 35 rating?

A: The Graham or Maiman STC 35 wood door can be specified with any commercially available veneer and the Maiman Thermal Fused STC 35 door can be specified with a wide range of standard colors and wood patterns.

Q: Can any aluminum frame be used with the STC 35 wood doors from Graham and Maiman?

A: No, the acoustical testing was done exclusively with the Frameworks Type II frame system. There are some minor modifications to the frame to help achieve this STC rating. A sound label is applied to the door only.

Q: Is there a need to order any additional seals or thresholds to meet the STC 35 rating?

A: No, all required seals and door bottom are included with the Graham or Maiman doors. Please specify on your Graham or Maiman order that the door is a STC 35 door that will be used in a Frameworks aluminum frame.

Q: What frame elevations are available with Serenity STC35?

A: Three sided frames are available with a maximum 4'0" wide by 9'0" high single swing door. The three sided frame can be fire rated to 20 minutes. Also available is a sidelight option. The sidelight is not fire rated and can be a single sidelight or double sidelight with a maximum glass area of 7'0" wide and 9'0" high. The maximum overall sidelight frame size is 11'0" wide by 9'2" high. The sidelight can either include one butt-glazed joint or one intermediate mullion.

Q: Are there special installation requirements for the Serenity door and frame?

A: The Frameworks aluminum frame has some unique steps for the installation of the frame. The installation instructions are available on the Frameworks website, www.frameworks.com. The doors require no special installation other than the placement of the seals and thresholds.

Q: Where would this application be incorporated?

A: Door openings using an aluminum framing system where sound attenuation is important, such as Class A office space, healthcare, and educational environments. Serenity assemblies are available in sizes up to 4'0" wide by 9'0" high, allowing for virtually any opening to be accommodated.

Q: Is the door and frame ordered as an assembly or separately from Frameworks, Graham or Maiman?

A: The Serenity doors and frames must be ordered separately from each of the respective companies. It is required to note on the Graham or Maiman wood door order that you are using the Frameworks aluminum frames and also note on the Frameworks order you are using Graham or Maiman STC 35 wood doors.

Q: Is there a specific type of glass that needs to be used in the sidelight?

A: Yes, the Serenity sidelight frame is a double glazed system comprised of 1/4" laminated and 3/8" tempered glass with a 3/8" air space between. The spacer is factory installed in the aluminum frame components.

Q: Can the full sidelight frame be fire rated?

A: No, the fire rating option is only available for single door frames without an attached sidelight.

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