



# Sound 55 Door

Model: NC12-STC55



**STC 55**  
Acoustical Rating

**FIRE RATED  
UP TO 90 MINUTES**

**3" THICK  
DOOR PANEL**

Krieger's acoustical door is custom engineered with an STC 55 sound rating and our unique compression sound seal system in a 3" thick door panel. It's an ideal choice for any facility where superior sound control in all octave ranges is required.

## Complete Assembly

Krieger's acoustical doors are available in single or double door assemblies with specially engineered frame profiles that complement any wall construction or architectural style.

All Krieger doors are delivered as complete assemblies and are guaranteed to perform according to your specifications.

### Components include:

- Door Panel
- Hinges
- Threshold
- Frame
- Seal System
- Glass for Lites

## Premier Custom Finishes

Select a custom finish to perfectly match and complement your project.



Prime Painted



Wood Veneer



Stainless Steel



Historic Designs



Moldings & More



All Krieger doors are backed by our 10 Year Manufacturer's Guarantee.



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## Customize Your Assembly

Contact your Krieger sales representative to discuss your project requirements, get a quote, and request full test report data.

Call us at 562-695-0645 or visit [KriegerProducts.com](http://KriegerProducts.com) to get started.



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## Features

### Tests and Certifications

- STC 55 acoustical rating ensures professional sound control.
- Superior low frequency sound control due to higher weight density (pounds per sq. foot) of proprietary door panel design.
- Tested to ASTM E90, ASTM E336, ASTM E1408, ASTM E413, ASTM A 1008, JUIAF, JAFAN, DCID 6/9, and ICPM 2006-700-7.

### Door and Frame Construction

- Choice of frame design includes: slip-in with trim, Z anchor, nailing straps, T anchor, and punch & dimple.
- Unique compression sound seal system includes Krieger's NC12 perimeter seal and dual NC2 door bottom seal.
- Dual NC2 semi-mortised door bottom adjustability ensures optimal performance, even on uneven floors.
- Features 3" thick door panel and can meet all specifications for size, finish, and performance; contact us to customize your assembly.
- Comes with ADA-compliant ¼" threshold. ADA requirement for push/pull maximum force depends on project specifications; contact us for details.

### Fire Labels and Positive Pressure

- Up to 90 Minutes: UL 10C, UBC 7-2, UBC 7-4, 250°, 450°, 650° temperature rise up to 10'0" x 9'10" opening size
- Smoke Labels: Up to 20 minutes

### Door Sizes

- Acoustical doors are available in standard and custom sizes, including oversized doors.

## Door Handing

Krieger doors are available in any door handing configuration your project requires.



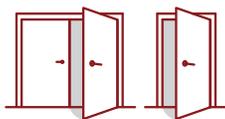
Left Hand  
(LH)



Right Hand  
(RH)



Left Hand Reverse  
(LHR)



Right Hand Reverse  
(RHR)

### Hardware

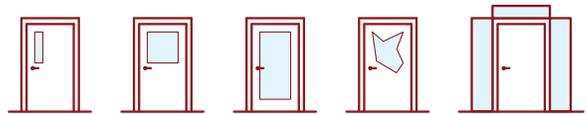
- Krieger's unique Cam Lift Hinge offers enhanced radial strength for longer lasting performance and easy maintenance; available in standard or electrified models.
- Designed to interface with standard builder's hardware, including latches and locksets, panic devices, security hardware, access control, and other options.

### Finishes

- Krieger's custom finish options include prime painted, wood veneer, stainless steel, specialty finishes, and more.

## Vision Lites • Side Lites • Transoms

Fully customizable vision lites, side lites, and transoms are available. Krieger offers tested and certified glass options, including acoustical glass, fire rated glass, smart glass, clear glass, optical white glass, low-emissivity (low-e) glass, and more.



## Optional Add-Ons

### Specialized Hybrid Performance

All Krieger doors can be configured with optional add-on features and different ratings to meet your specific performance needs.

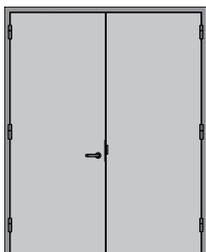
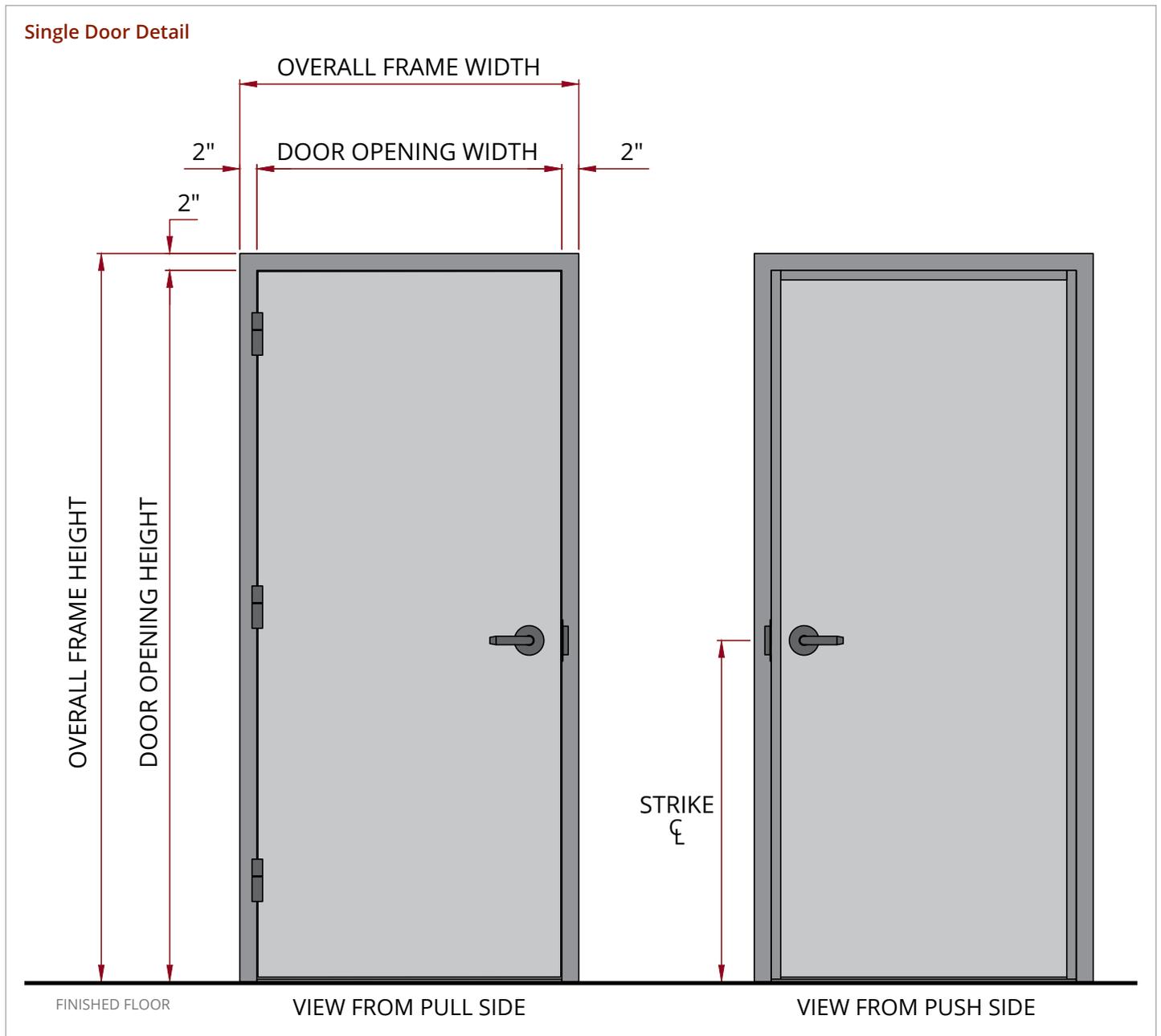
- **Bullet & Forced Entry**  
UL 752 Levels 1-10, NJ, and MIL-SAMIT Part 1 & Part 2.
- **Blast & Pressure**  
UFC 4-010-01 and UFC 3-340-02 certifications are available.
- **Radio Frequency**  
40 dB or 60 dB RF shielding; meets TEMPEST standard.
- **Tornado & Hurricane**  
Can comply with FEMA P-361 or FEMA P-320 criteria.

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## Elevation View



### Double Doors

Krieger's acoustical doors are available as double door assemblies with an astragal or removable mullions.

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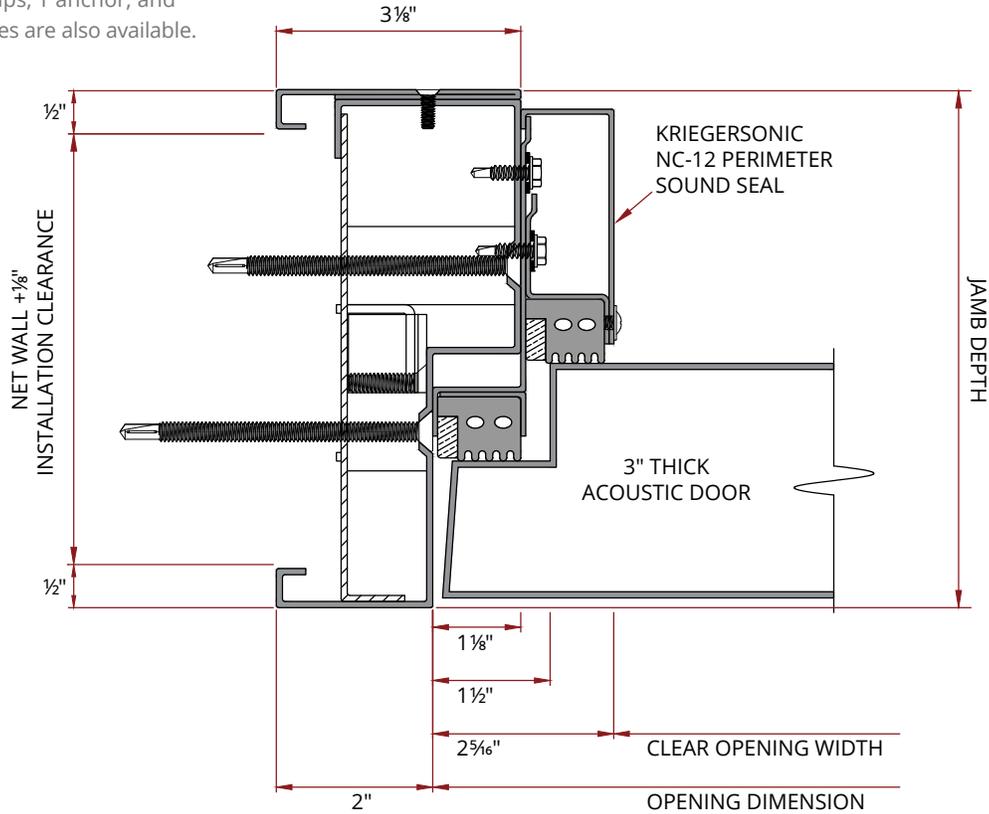
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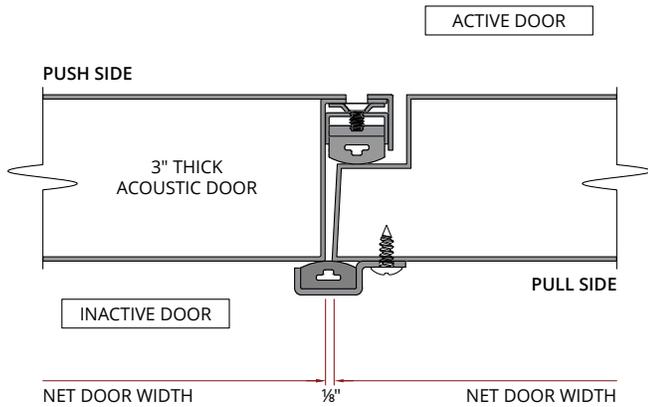
## Frame Detail

### Slip-In with Trim Frame Detail

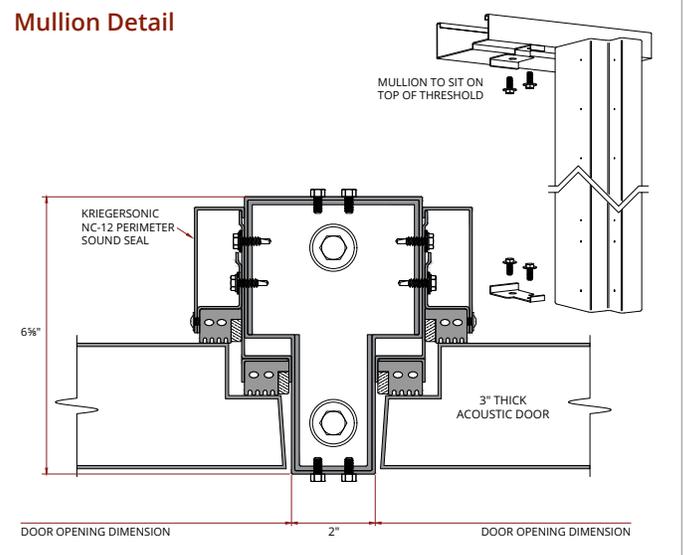
Z anchor, nailing straps, T anchor, and punch & dimple frames are also available.



### Astragal Detail



### Mullion Detail



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