

SPECIAL PURPOSE DOORS & WINDOWS



ACOUSTICAL

BULLET

BLAST AND PRESSURE

RADIO FREQUENCY

THERMAL SHIELDING

KriegerSonic®

Acoustical Door Assemblies and Window Assemblies



STC RATINGS

Door assemblies: Up to STC-55, metal and wood veneer

Window assemblies: Up to STC-56

CONFIGURATION

Available in flush design or with vision lites and as single or pairs of hinged doors, including horizontal sliding doors. All assemblies are available manual or power operated.

FIRE LABELS AND POSITIVE PRESSURE

Metal doors up to 3 hours:

Certified in accordance with UL 10C, UBC 7-2, UBC 7-4 250°, 450°, 650° temperature rise, up to 3 hours UL 10C

Smoke labels: Metal doors up to 3 hours*

Wood doors up to 20, 45 & 60 minutes

*Limitations similar to typical hollow metal doors and frames

TEST AND CERTIFICATION

ASTM E90, E336, E1408, E413

JUIAF, JAFAN, DCID 6/9, ICPM 2006-700-7

GLASS

Tested and certified acoustical glass or fire rated glass and glazing materials are available.

HARDWARE

Door, frame, perimeter sound seals, and door bottom are supplied as part of the complete tested assembly. Additionally, cam lift hinges and an aluminum threshold are included with high STC rated doors.

SCIF DOOR ASSEMBLIES

Manufactured to exceed CSA specifications of STC 45, JUIAF, DCID 6/9, ICPM 2006-700-7, SCIF Sound Group 3 and 4, and MIL-HDBK-1013/1A. Plus, Krieger SCIF door assemblies are guaranteed to an STC/NIC difference of only four points.

KriegerPlate®

Bullet Resistant Door Assemblies, Window Assemblies and Accessories



RESISTANCE LEVELS

UL Levels 1 - 8 available in both metal and wood veneer.

NIJ Levels I, IIA, II, IIIA, III & IV available in both metal and wood veneer.

GLASS

Calculated and certified glass or glass/polycarbonate glazing materials are available. (If glazing is provided by others it must bear a visible UL 752 or NIJ mark.)

FIRE LABELS AND POSITIVE PRESSURE

Up to 3 hours: UL 10C, UBC 7-2, UBC 7-4 250°, 450°, 650° temperature rise, up to 3 hours UL 10C

Smoke labels: Up to 20 minutes

TEST AND CERTIFICATION

UL-752, NIJ (0108.01)

CONFIGURATION

Available in flush design or with vision lites and as single or pairs of hinged doors, including single or bi-parting horizontal sliding doors. All assemblies are available manual or power operated.

HARDWARE

Operating hardware is available in all standard builders' finishes. Mortise or cylindrical locksets, exit devices, and security hardware are basic options. Custom options are available.





KriegerBlast®

Pressure Resistant Door Assemblies and Window Assemblies

RESISTANCE LEVELS

Pre-engineered available in: 100 PSF, 1.0, 2.0 Static, 3.0, 4.0, 10.0 Dynamic. Custom engineering up to 25 PSI.

GLASS

Calculated and certified glass or glass polycarbonate glazing materials are available.

FIRE LABELS AND POSITIVE PRESSURE

Up to 3 hours: UL 10C, UBC 7-2, UBC 7-4 250°, 450°, 650° temperature rise, up to 3 hours UL 10C

Smoke labels: Up to 20 minutes

Available on the pre-engineered models.

At custom engineered pressure levels, consult with factory.

TEST AND CERTIFICATION

UBC, NIJ, ASTM and Haz Mat
UFC 4-010-01, TM5-1300 and PIP STC 01018

CONFIGURATION

Available in flush design or with vision lites and as single or pairs of hinged doors, including single or bi-parting horizontal sliding doors. All assemblies are available manual or power operated.

HARDWARE

Swing door hardware includes modified builders' hardware or Krieger manufactured locks and hinges as required by blast rating. Slide door hardware includes low friction trucks and rollers, low voltage control circuitry for electrical operators and a variety of operator actuation devices.



KriegerShield®

Radio Frequency Shielding Door Assemblies and Window Assemblies

RADIO FREQUENCY SHIELD

Maximum 60 dB from 1kHz - 10GHz

FIRE LABELS AND POSITIVE PRESSURE

Up to 1-1/2 hours: UL 10C, UBC 7-2, UBC 7-4 250°, 450°, 650° temperature rise, up to 1-1/2 hours UL 10C

Smoke labels: Up to 20 minutes

TEST AND CERTIFICATION

NSA 65-6 and MIL STD-285

CONFIGURATION

Single or pairs of hinged doors in standard and custom sizes, manual or power operated. Assemblies can be used in any type of shielding construction.



KriegerEqualizer®

Thermal Barrier Door Assemblies

THERMAL PROTECTION

U-Value .504, R-Value 2.0, True Thermal Break assembly including door, frame and hardware.

CONSTRUCTION

Constructed with 16 ga. galvanized skins reinforced with internal steel stiffeners, separated by a structural isolator. No metal-to-metal contact. Doors are factory insulated per ASTM D1940, 2# density rigid urethane, foamed in place and chemically bonded to interior surface.

TEST AND CERTIFICATION

ASTM C236-80

CONFIGURATION

Flush design or with vision lites. Single or pairs of hinged doors, including single or bi-parting horizontal sliding doors available manual or power operated.

FINISH OPTIONS



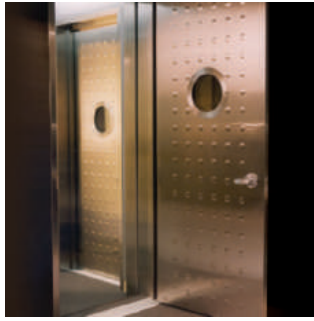
MOLDINGS, STONE, SPECIALTY FINISHES

Krieger doors can be custom finished in an endless variety of options. Bronze, brass, copper, etched glass and plastic laminate finishes are available.



WOOD

Wood veneer doors may be sand-finished, primed, sealed with conversion synthetic sealer or completely prefinished prior to shipping. Choose from any wood stain or send us a sample you wish to match.



STAINLESS STEEL

Stainless steel finish can be embossed, patterned, etched, bead blasted and colored. Bronze, brass, copper, etched glass and plastic laminate finishes are also available.

304 - Non-hardenable, austenitic (non-magnetic), low-carbon, chromium-nickel steel which has a good general purpose corrosion resistance.

316 - Non-hardenable, austenitic, chromium-nickel steel with superior corrosion and heat resistance qualities. Sometimes referred to as "marine stainless". This grade is non-magnetic in the annealed condition. 316L is also available.

TECHNICAL AND INSTALLATION SUPPORT

Krieger engineers and technical support staff are available by phone, at no cost to you, to help with any problem or question that may arise with the installation of your doors. Additionally, Krieger's field service offers you several ways to ensure that your doors and windows are installed correctly.

KRIEGER TURN KEY INSTALLATION

With this option our technicians actually undertake all phases of the installation process. By accepting full responsibility for the installation Krieger guarantees that every door will perform to precise specifications.

KRIEGER TESTING

Field testing is the only certain way to ensure that your doors will achieve the performance you have specified. Krieger engineers are experts in the testing and certification of acoustical doors and are available to perform on-site testing per your request.

KRIEGER TRAINING

We can train your installation crew at our manufacturing facility, or we can have one of our technicians meet with your crew on the job site.

KRIEGER TROUBLESHOOTING

Our staff will determine the problem and recommend or undertake the proper corrective measures. Often our services are needed to resolve post-installation problems related to modifying door swings, strike locations or other hardware-related problems.

REGIONAL OFFICES

HEADQUARTERS

Bob McCluney
4880 Gregg Road
Pico Rivera, CA 90660
Phone: 562-695-0645
Fax: 562-692-0146

EAST

Ken Kuzman
233 S Bonsall Rd, #2
Coatesville, PA 19320
Phone: 610-857-2202
Fax: 610-857-2242

MIDWEST

Richard D. Adams
926 Norwich Drive
Troy, MI 48084
Phone: 248-792-4263
Fax: 248-792-4269

NORTHWEST

Bill Borel
10010 36th Ave. NE
Seattle, WA 98125
Phone: 206-547-1382
Fax: 206-547-7322

TECHNICAL CONSULTANT

Bob Carpenter, AHC
1700 E. Lakeside Drive #38 Breckenridge Bay
Gilbert, AZ 85234
Phone: 480-926-1890
Fax: 480-926-1801



Toll Free: 1-800-251-5081
Web: www.KriegerProducts.com