



## SOUND-RETARDANT PRODUCTS

A complete line of Architectural Acoustic Door  
and Fixed Window Systems

**OVERLY**  
DOOR COMPANY

AN ISO 9001 CERTIFIED COMPANY

# OVERVIEW

For over 50 years, Overly, an ISO 9001 Certified Company, has been an industry leader in the manufacturing of Architectural Acoustic Door and Window Systems. Because of our unique manufacturing methods and patented designs, Overly has created a line of Sound Control Metal Door Systems with STC ratings from 43 to 57 and Wood Door Systems with STC ratings from 41 to 50. These door systems incorporate a variety of sealing options and door configurations such as flush or glazed as well as single or pair configurations. Additionally, Overly has developed a complete line of Metal Fixed Window Systems with STC ratings from 37 to 55 utilizing both conventional and pre-formed glazing systems.

Overly Doors have been successfully tested to UL 10C (positive pressure) Standards for Safety.

Overly Doors also are available with LEED certifications including one or more of the following:

- MR-4 Recycled Content
- MR-5 Regional Materials
- MR-6 Rapidly Renewable Resources
- MR-7 Certified Wood
- EQ 4.4 Low Emitting Materials
- EQ 9 Enhanced Acoustical Performance



## TYPICAL USES FOR SOUND CONTROL PRODUCTS

Designed for interior uses, these products can be used in a variety of both public and private institution installations including:

- Performing Arts Centers
- Movie Theaters
- Concert Halls
- Conference and Meeting Rooms
- Broadcast and Recording Studios
- Offices
- Hospitals
- School Classrooms
- Music Practice Rooms
- Airports
- Auditoriums
- Libraries
- Doctors Offices
- Worship Facilities
- SCIF Spaces
- Military Installations
- Engine Test Cells
- Manufacturing and Industrial Applications
- Theme Parks



# OVERLY DOOR'S LEED INITIATIVE

The goal of Overly Door's LEED Initiative is to provide the architectural and design community, our customers and prospective customers, with an informed resource to help them understand the various requirements of building "green," and the specialty door products designed and manufactured to achieve that end.

The sound control product line, depending upon your project's specific requirements, can be available with LEED certifications including one or more of the following:

- MR-1.2 Building Re-use
- MR-4 Recycled Content
- MR-5 Regional Materials
- MR-6 Rapidly Renewable Resources
- MR-7 Certified Wood
- EQ 4.4 Low Emitting Materials
- EQ 9 Enhanced Acoustical performance

Overly's Metal Acoustic Door Products are made from recycled content that includes both post-consumer and post-industrial materials.

Overly's Wood Acoustic Door Products have been granted Forest Stewardship Council® (FSC®) (Trademark license code FSC-C101538) Chain-of-Custody Certification by Scientific Certification Systems (SCS). FSC Chain of Custody Certification means that Overly Door meets strict tracking requirements for ensuring that the wood acoustic products it sells as FSC-Certified come from well-managed forests. In addition, there are documented controls to make sure the integrity of the environment is upheld. The FSC has accredited SCS as a third-party to certify companies according to FSC international standards to help promote the environmentally appropriate management of the world's forests. Overly Door's FSC Chain of Custody certificate code is SCS-COC-003417. Contact factory about our FSC availability.

Additionally, all Overly wood and plastic laminate products contain no added urea formaldehyde resins in their manufacture. This includes both Overly's UL Fire-Rated and Non-Fire-Rated Wood Acoustic Door Systems. Overly Sound Control Products have always been lead-free, asbestos-free and formaldehyde-free, including: Acoustical Metal Swinging Doors; Oversized Swinging Doors; Horizontal Sliding Doors; and, Fixed Window Systems.



## HARDWARE COMPATIBILITY

Through our years of experience we have learned that even the highest quality manufactured acoustical doors can have their performance compromised when not supported by compatible hardware.

When selecting the hardware that will be used on Overly Acoustical Doors, it is essential that compatible hardware is utilized to assure proper sound performance and operation. This hardware compatibility can vary with door model selected and the application of the product. To assist in determining acceptable hardware for your given performance and application needs, Overly has created a unique hardware information bulletin exclusively for each of its line of sound control doors which is available online from the factory.

These bulletins provide guidance for planning the hardware for the complete opening to help insure the desired acoustical performance of the assembly is met installation.

Hardware topics covered in these bulletins include:

- Hinges
- Closers
- Locksets/Strikes
- Panic Devices
- Auxiliary Locks
- Flushbolts
- Meeting Stiles
- Thresholds
- Vision Lights

For each door model, depending on individual design criteria, all features may not be available. Consult factory for specifics.



# METAL SWINGING DOORS

Because of our unique manufacturing methods and patented designs, Overly Architectural Acoustic Doors achieve a higher STC and are lighter weight than most comparable doors on the market, and are lead and asbestos free. Overly Metal Swinging Doors are available in single swing and pair configurations.

## PERSONNEL SIZE

Personnel size openings include those whose dimensions are up to 4' x 10' singles and 8' x 10' pairs. A majority of our Personnel Size doors are available with up to 3-hour Fire Labels. These Fire Labels meet UL 10C (positive pressure) requirements.

### SINGLE MAGNETIC GASKETS

PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413

STC	MODEL #	E90	DOOR THICK	TESTED MAXIMUM GLASS AREA	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	FRAME PERIMETER SEAL	DOOR BOTTOM	HINGE	LOCKSET	MAX FIRE RATING	NOTES
46	4611215	E90-09	1-3/4"	FLUSH	8.4 (40.8)	SINGLE MAG	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	NONE	NONE	1, 3, 8
47	4711214	E90-09	1-3/4"	FLUSH	8.4 (40.8)	SINGLE MAG	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
47	4712021	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.14 (44.6)	SINGLE MAG	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 7, 8
47	4712022	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.14 (44.6)	SINGLE MAG	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	NONE	NONE	1, 3, 8
47	4712033	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.14 (44.6)	SINGLE MAG	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 7, 8
47	4712034	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.14 (44.6)	SINGLE MAG	SUPER H	MCL-500 CAM LIFT	NONE	NONE	1, 2, 3, 8
48	4812019	E90-09	1-3/4"	FLUSH	10.0 (48.6)	SINGLE MAG	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
48	4812020	E90-09	1-3/4"	FLUSH	10.0 (48.6)	SINGLE MAG	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	NONE	NONE	1, 3, 8
50	5012016	E90-09	1-3/4"	FLUSH	10.0 (48.6)	SINGLE MAG	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 8
50	5012017	E90-09	1-3/4"	FLUSH	10.0 (48.6)	SINGLE MAG	SUPER H	MCL-500 CAM LIFT	NONE	NONE	1, 2, 3, 8

### DUAL MAGNETIC GASKETS

PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413

STC	MODEL #	E90	DOOR THICK	TESTED MAXIMUM GLASS AREA	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	FRAME PERIMETER SEAL	DOOR BOTTOM	HINGE	LOCKSET	MAX FIRE RATING	NOTES
46	460460	E90-02	2-3/4"	1360 sq. in. (8772 sq. cm.)	12.8 (62.5)	DUAL MAG	SUPER H	MCL-1000 CAM LIFT	CYLINDRICAL, MORTISE MORTISE PANIC OR RIM	3 HR	1, 2, 3, 4, 7, 8
47	470463	E90-02	2-3/4"	300 sq. in. (1935 sq. cm.)	13.7 (66.9)	DUAL MAG	SUPER H	MCL-1000 CAM LIFT	NONE	NONE	1, 2, 3, 4, 8
49	490464	E90-02	2-3/4"	300 sq. in. (1935 sq. cm.)	14.8 (72.2)	DUAL MAG	SUPER H	MCL-1000 CAM LIFT	CYLINDRICAL, MORTISE MORTISE PANIC OR RIM	3 HR	1, 2, 3, 4, 7, 8
50	509592	E90-90	2-3/4"	FLUSH	15.0 (73.2)	DUAL MAG	SUPER H	MCL-1000 CAM LIFT	NONE	NONE	1, 2, 3, 4, 8
53	539591	E90-90	2-3/4"	FLUSH	15.0 (73.2)	DUAL MAG	SUPER H	MCL-1000 CAM LIFT	CYLINDRICAL, MORTISE MORTISE PANIC OR RIM	3 HR	1, 2, 3, 4, 8

N/A Not available or applicable

- (1) All doors tested in fully operable condition.
- (2) All cam-lift hinges are of proprietary Overly Door design and manufacture and are supplied with the doors.
- (3) All seals are of proprietary Overly Door design and are supplied as a part of the system. Model H seals are protected by patents.

- (4) Door has a 1-3/4" (44 mm) nominal thickness. These models have a 1" (25 mm) thick applied panel on the interior side inset from door edges. Depending on swing and lock placement, extended cylinders, spindles and lever handles may be required. Please check factory for specific details.
- (5) Tandem doors tested in a single frame with a 7" (178 mm) airspace between doors.

### SINGLE COMPRESSION GASKETS

PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413

STC	MODEL #	E90	DOOR THICK	TESTED MAXIMUM GLASS AREA	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	FRAME PERIMETER SEAL	DOOR BOTTOM	HINGE	LOCKSET	MAX FIRE RATING	NOTES
45	459573	E90-90	1-3/4"	FLUSH	6.8 (33.0)	SINGLE H	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
46	4695163	E90-90	1-3/4"	1,728 sq in (11,156 sq cm)	13.95 (68.2)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 7
46	4612041	E90-09	1-3/4"	FLUSH	10.0 (48.6)	SINGLE H	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
47	4711213	E90-09	1-3/4"	FLUSH	8.4 (40.8)	SINGLE H	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
47	4712036	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.14 (44.6)	SINGLE H	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 7, 8
48	4895161	E90-90	1-3/4"	FLUSH	11.7 (57.0)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 9
48	4812035	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	11.9 (58.2)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 7, 8
49	4992295	E90-90	1-3/4"	100 sq. in. (645 sq. cm.)	11.2 (54.7)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 7, 8
50	509575	E90-90	1-3/4"	FLUSH	8.7 (42.5)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 8
50	509391	E90-90	1-3/4"	FLUSH	13.6 (66.4)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 9
51	5112042	E90-09	1-3/4"	FLUSH	10.0 (48.6)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 8
51	5192288	E90-90	1-3/4"	300 sq. in. (1935 sq. cm.)	11.9 (58.2)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 7, 8
52	5292185	E90-90	1-3/4"	FLUSH	11.2 (54.7)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 8
57	5792190	E90-90	1-3/4"	FLUSH	14.0 (68.4)	SINGLE H	SUPER H	MCL-500 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 2, 3, 5, 8

### DUAL COMPRESSION GASKETS

PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413

STC	MODEL #	E90	DOOR THICK	TESTED MAXIMUM GLASS AREA	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	FRAME PERIMETER SEAL	DOOR BOTTOM	HINGE	LOCKSET	MAX FIRE RATING	NOTES
54	5492298	E90-90	2-3/4"	FLUSH	15.0 (73.2)	DUAL H	SUPER H	MCL-1000 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	3 HR	1, 2, 3, 4, 8
55	5592175	E90-90	3"	FLUSH	20.4 (99.6)	DUAL H	SUPER H	MCL-1000 CAM LIFT	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	3 HR	1, 2, 3, 6, 8

### DOUBLE BUBBLE GASKETS

PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413

STC	MODEL #	E90	DOOR THICK	TESTED MAXIMUM GLASS AREA	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	FRAME PERIMETER SEAL	DOOR BOTTOM	HINGE	LOCKSET	MAX FIRE RATING	NOTES
43	439572	E90-90	1-3/4"	FLUSH	6.8 (33.0)	DOUBLE BUBBLE	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
46	4611212	E90-09	1-3/4"	FLUSH	8.4 (40.8)	DOUBLE BUBBLE	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
46	4612012	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.14 (44.6)	DOUBLE BUBBLE	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8
47	4712168	E90-09	1-3/4"	FLUSH	8.04 (39.0)	DOUBLE BUBBLE	SEMI MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1-1/2 HR	1, 3, 8

- (6) Door has a 2-1/8" (54 mm) nominal thickness with a 7/8" (22 mm) thick applied panel on interior side inset from the door edges. Extended cylinders, spindles and lever handles are required. Check factory for specific details.
- (7) When fire label is required, a maximum glass area of 100 sq. in. (645 cm<sup>2</sup>) only is permitted for 1-1/2 hr. ratings and 1296 sq. in. (8361 cm<sup>2</sup>) for 3/4 hr. ratings.

- (8) Doors are tested as fully operable 3'-0" x 7'-0" (914 mm x 2134 mm) single doors as specified by Standard ASTM E90. Pairs of doors are fitted with additional gasketing at meeting stiles. Variation in attenuation may occur at the higher frequencies.
- (9) These units were tested as fully operational pairs.



## OVERSIZED

Oversized Doors are for any opening larger than personnel size in any dimension. These doors require additional thickness to provide necessary structural integrity in order to maintain the acoustical performance.

Typical installations for Oversized Doors include: large test cells, theater stage doors, mechanical rooms and convention centers.

Oversized Doors are not available with Fire Labels, but Overly will certify that units are fabricated from UL fire-resistant materials and assembly techniques. Not all features are available for all models. Consult factory for your specific needs to determine availability.

## WOOD AND PLASTIC LAMINATE SWINGING DOORS

Overly offers a complete line of Wood and Plastic Laminate Doors that are lightweight, available with positive pressure UL fire ratings, and are lead and asbestos free. Overly Acoustic Wood Doors are available in traditional wood veneers and decorator colors, plus exotic veneers and custom and opaque colors. Durable, easy to maintain plastic laminates are available in traditional and exotic wood veneers, plus endless color choices and patterns, individual designs and custom graphics. Overly Wood and Plastic Laminate Swinging Doors have STC ratings from 41 to 50. Doors are provided with metal framing systems and are intended for interior use only.

Sizes available include up to 4' x 10' singles and 8' x 10' pairs. All Overly Single Swing 1-3/4" and 2-1/4" thick Wood and Plastic Laminate Doors up to 4' x 8' leaf size are available with 3/4 hour and 20 minute Fire Labels. These Fire Labels meet UL 10C (positive pressure) requirements.



PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413										
STC	MODEL #	E90	DOOR THICK	TESTED MAXIMUM GLASS AREA	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	FRAME PERIMETER SEAL	DOOR BOTTOM	HINGE	LOCKSET	NOTES
50	5021241	E90-09	2-1/4"	FLUSH	11.0 (53.7)	SINGLE "H" & SINGLE BUBBLE	SUPER "H"	CAM-LIFT MCL-500	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 2, 3, 5
49	499723	E90-90	1-3/4"	FLUSH	9.3 (45.4)	SINGLE "H"	SUPER "H"	CAM-LIFT MCL-500	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 2, 3, 5
47	479725	E90-90	1-3/4"	FLUSH	7.7 (37.5)	DOUBLE BUBBLE	FULLY MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 3, 5
46	4612171	E90-09	1-3/4"	FLUSH	8.28 (40.4)	DOUBLE BUBBLE	RAISED THRESHOLD	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 3, 5
45	4511251	E90-09	1-3/4"	100 sq. in. (645 sq. cm.)	9.2 (44.9)	SINGLE "H"	SUPER "H"	CAM-LIFT MCL-500	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 2, 3, 4, 5
44	449718	E90-90	1-3/4"	300 sq. in. (1935 sq. cm.)	9.8 (47.7)	DOUBLE BUBBLE	RAISED THRESHOLD	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 3, 4, 5
44	4411252	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	9.2 (44.9)	SINGLE "H"	SUPER "H"	CAM-LIFT MCL-500	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 2, 3, 4, 5
43	4312010	E90-09	1-3/4"	100 sq. in. (645 sq. cm.)	9.2 (44.9)	DOUBLE BUBBLE	FULLY MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 3, 4, 5
43	4312043	E90-09	1-3/4"	300 sq. in. (1935 sq. cm.)	10.0 (48.6)	DOUBLE BUBBLE	FULLY MORTISED AUTOMATIC	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 3, 4, 5
41	419719	E90-90	1-3/4"	300 sq. in. (1935 sq. cm.)	8.9 (43.3)	DOUBLE BUBBLE	RAISED THRESHOLD	LEVEL SWING FULL MORTISE	CYLINDRICAL, MORTISE, MORTISE PANIC OR RIM	1, 3, 4, 5

- Units are tested as fully operable, 3' x 7' (914mm x 2,134mm) single doors as specified by Standard ASTM E90. Pairs of doors, when required, are fitted with gasket material at the meeting stiles, and variations in attenuation may occur at higher frequencies. Pairs with both leaves active are equipped with a commercially available split-type astragal, while active/inactive pairs are equipped with an Overly overlapping metal astragal.
- All Cam-Lift hinges are proprietary Overly Door Company design and are manufactured and supplied with the doors. Model MCL-500 is a 5" full mortise template stainless steel hinge.

- All frame, door bottom and meeting stile seals required for acoustical ratings are supplied as part of the operating system.
- When a vision light is required, dual glazed lights are glazed with 1/4" laminated and 3/8" laminated glass. Single glazed lights are glazed with 1/4" laminated glass. Larger light sizes are available, but acoustical performance is not guaranteed.
- Fire ratings are available up to 3/4 hr. duration. If vision lights are required, the 1/4" laminated glass must be replaced with a UL Listed 1/4" nominal glass and the maximum glass area of 1,296 sq. inches is permitted per leaf.

# METAL FIXED WINDOW SYSTEMS

Overly Metal Fixed Window Systems offer STC ratings from 37 to 55. Window Systems are available in single and dual-glazed units. Dual-glazed units can be provided with dual purging ports, when requested, for inert gas evacuation of water vapor between glazed panels.

Overly offers up to 1 1/2 hour UL fire ratings on certain models when one pane is glazed with UL fire-rated glass in tandem with one pane of laminated glass. Dual-glazed acoustic/bullet-resistant window models include STC 55 UL Level 1.

Overly Metal Fixed Window Systems include the following features:

- Neoprene and Zipper Type gasketing systems
- Single and dual-glazed windows available with vertical or sloped glazing
- Sheet steel materials used for fabrication can include: A366 cold rolled; A924 galvanized with A60 coating; type 304 or 316 stainless with #4 finish.

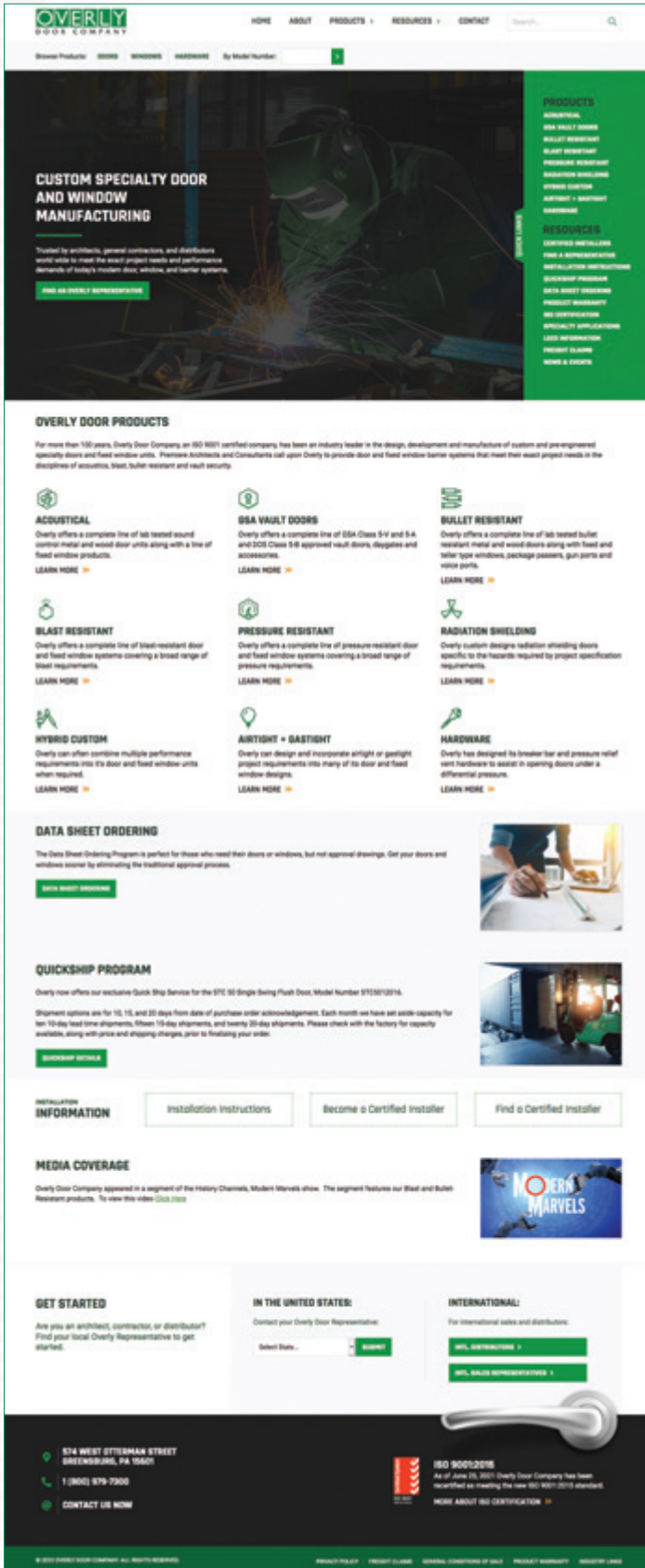
Overly will engineer unique project requirements such as integrating wall conditions, frame anchorages and glass types.

The chart below lists Overly's most frequently used metal fixed window systems. Please consult factory for all available models and for custom designed systems.



SOUND-RETARDANT METAL FIXED WINDOW SYSTEMS								
PHYSICAL CHARACTERISTICS AND CERTIFIED TEST PERFORMANCE PER ASTM E90 and E413								
STC	MODEL #	ASTM E-90	MINIMUM FRAME DEPTH	WEIGHT Lbs./sq. ft. (kg/m <sup>2</sup> )	TESTED MAXIMUM GLASS AREA	LAMINATED GLASS THICKNESS	TYPE OF GLAZING	UL FIRE LABELS
<b>SINGLE GLAZED ACOUSTICAL UNITS</b>								
34	3492273	E90-90	5-1/2" 140mm	4.8 (23.8)	21 sq ft 1.95 sq m	1/4" (6mm)	NEOPRENE	N/A
37	379229	E90-90	5-1/2" 140mm	11.2 (54.7)	22.3 sq ft 2.7 sq m	1/2" (13mm)	NEOPRENE	N/A
42	4292276	E90-90	5-1/2" 140mm	17.3 (84.5)	21 sq ft 1.95 sq m	3/4" (19mm)	ZIPPER	N/A
<b>SINGLE GLAZED ACOUSTICAL AND BULLET-RESISTANT UNITS</b>								
42	429510	E90-90	5-1/2" 140mm	17.0 (84.5)	21 sq ft 1.95 sq m	1-3/16" (30mm) UL LEVEL 1 BR GLASS	NEOPRENE	N/A
<b>DUAL GLAZED ACOUSTICAL UNITS</b>								
52	5292272	E90-90	8" 203mm	12.5 (61.5)	21 sq ft 1.95 sq m	TWO PIECES 1/4" (6MM)	NEOPRENE	1-1/2 HR
53	5392274	E90-90	8" 203mm	10.6 (52.5)	21 sq ft 1.95 sq m	ONE PIECE 1/4" (6MM) ONE PIECE 3/8" (9MM)	NEOPRENE	1-1/2 HR
54	549226	E90-90	8" 203mm	25.7 (125.6)	22.3 sq ft 2.7 sq m	ONE PIECE 1/2" (13MM) ONE PIECE 3/4" (19MM)	NEOPRENE	N/A
55	5592278	E90-90	8-5/8" 219mm	18.8 (93.3)	21 sq ft 1.95 sq m	ONE PIECE 1/2" (13MM) ONE PIECE 3/4" (19MM)	ZIPPER	N/A
<b>DUAL GLAZED ACOUSTICAL AND BULLET-RESISTANT UNITS</b>								
55	558511	E90-90	8-5/8" 219mm	20.1 (110.7)	21 sq ft 1.95 sq m	1/4" (6MM) LAMINATED 1-3/16" (30mm) UL LEVEL 1 BR GLASS	NEOPRENE	N/A

# CHECK OUT OUR NEW, ENHANCED, MOBILE-FRIENDLY WEBSITE AT [WWW.OVERLY.COM](http://WWW.OVERLY.COM)



Overly Door Company is pleased to announce the launch of the newly updated and expanded website for Overly Door. In addition to a pleasing new graphic interface, the site features easy navigation and a fully searchable database to help visitors to the site quickly find the information they need. [www.overly.com](http://www.overly.com)

Our new website is designed for viewing on the electronic device of your choice, so you can easily access the information you need regarding our products. If, however, you still have difficulty finding what you're looking for, or you wish to discuss the product information further, use the "Find a Representative" link to locate your local Sales Representative and obtain their contact information.



Please note: Overly will no longer provide the printed or online versions of its product binder. Now you can download the specific items and information you need for your project at [www.overly.com](http://www.overly.com)

## OVERLY DOOR COMPANY

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