Simplex Industrial Strip Doors



SAVE ENERGY

CONTROL CROSS CONTAMINATION

INCREASE EMPLOYEE SAFETY

CONTROL TEMPERATURE

SEPARATE ENVIRONMENTS



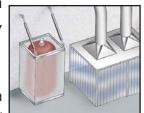
Expect a Full Measure of Quality.



Quality and Innovation

At Simplex, we opened our doors in 1979 with the simple, singular goal of making the best process isolation products possible. Through the years, we've earned a reputation for designing and delivering the best built, most innovative strip doors in the industry. A wide variety of users, from industrial and retail applications to hospitals, warehouses, and microchip manufacturers have come to depend on us for cutting edge separation and isolation technology to maintain cleaner, safer controlled environments. Our reputation is based on our commitment to our customers, and doing whatever it takes

to meet their needs. That's why, when you need the highest quality strip door solutions, there's just one place to call. Simplex.



SOUND BARRIERS

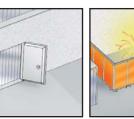
RIGHT FROM THE START

Our strip doors have always started with the highest quality materials. Where other manufacturers cut corners with recycled

material, we insist on only the best, like 100% virgin vinyl. And we sweat the details. Our unique mounting systems and accessories were designed right from the start for fast installation. We make sure parts and materials perform with optimum efficiency, last longer, and save you money. The icing on the cake? Some of the best warranties in the business.



REFRIGERATOR DOORS



WELDING SCREENS **CHIP BARRIERS**

NEW IDEAS. BETTER IDEAS

Chances are, you may not spend too much time thinking about your strip doors. But we do — all the time. Because that's our



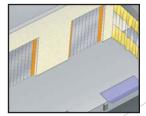
business. We know we succeed by staying a step ahead of everybody else. This kind of thinking produced some of the most practical and exciting innovations in the market, like our industry-leading bonded bead mounting system that virtually eliminates stress tears and cracks. And doors with welded seams that make our curtains far stronger. last longer and far easier to install than doors with

punched holes. By design, our strip doors will keep exceeding your expectations.





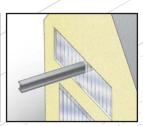




FORK LIFT TRAFFIC DOORS LOADING DOCK DOORS



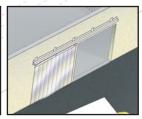
REFRIGERATED TRUCK DOORS



ELEVATED FREIGHT DOORS



TRAIN CAR BAYS



SLIDERS

We believe our "can do" approach sets us apart. From our thoughtfully engineered solutions to our proactive approach to meeting your needs, we're eager to put our experience to work. Call us and let us know how we can help you.



Expect a Full Measure of Quality.

In today's competitive business world you need to stay on the cutting edge of technology. That's why Simplex has spent the last 20 years designing products that help our customers stay competitive by reducing energy costs, increasing employee safety and protecting sensitive products from cross contamination.

At Simplex our goal is to meet your needs for a clean, safe and energy efficient environment. If you have any unique requirements simply give us a call and we will be happy to develop a solution for you.

HEAVY DUTY STRIP DOORS



ARMOR-BOND® INDUSTRIAL STRIP DOORS

Reduces Air Loss at Doorways. Reduces Heating and Air Conditioning Bills. Keeps Dust, Flies and Birds Out.



Strength, Durability and Unsurpassed Quality

- Lifetime Warranty (see back page for details).
- Easiest Strip to Install.
- Strips can be Replaced or Rotated in Minutes, Easily Without Tools. Simply Loosen Thumb Screw at End Of Track and Slide Strips Out.
- The One Piece ARMOR-BOND Mounting Hardware is Anodized for Long Life and Will Not Corrode.
- All Strips are Shipped Flat (Never Rolled), So They Hang Perfect Right Out of the Box.
- All Simplex Mountings are Supplied With Hardware to Allow You to Mount to Any Wall Surface. No Special Trips to the Hardware Store Here!





	Mode	el Spec	cs.	Siz	Sizing Guide Recommended Application								ons			
Model	Thickness	Strip Width	Overlap	Maximum Height	Minimum Door Width	Minimum Height	Indoor Use	Outdoor Use	Exterior Door	Personnel Traffic	Light Forklift	Heavy Forklift	Temperature Control	Safety Barrier	Sound Control	Insect/Bird Control
8081	.080	8"	1″	8′	3′	1′	•	О	О	•	•	•	•		•	
8082	.080	8"	2"	10′	4′	1′	•	О		•	•	•	•	•	•	•
8083	.080	8"	3"	12'	4′	8′	•		•	•	•	•	•	•	•	0
12081	.120	8"	1"	8′	3′	7′	•	•	•	•	•	•	•	•	•	•
12082	.120	8"	2"	10′	4′	7′	•	•	•	•	•	•	•	•	•	0
12083	.120	8"	3"	12'	4′	8′	•	•	•	•	•	•	•	•	•	0
120122	.120	12"	2"	10'	8′	10'	•	•	•	•	•	•	•	•	•	•
120123	.120	12"	3"	14'	10'	10'	•	•	•	•	•	•	•	•	•	•
120124	.120	12"	4"	20′	10′	10′	•	•	•	0	•	•	•	•	•	0
160164	.160	16"	4"	25′	12′	12′	•	•	•	0	٥	•	•	•	•	٥
160166	.160	16"	6"	30′	12'	14'		•	•	0	٥	•	•	•	•	0

● Excellent ▶ Good

O Not Recommended

O Suitable But Excessive

Note: Minimums and maximums are Simplex's recommendations for ease of use and mobility with strips. For additional help in choosing the correct strip door see page 8 or call our 800 number and we will be glad to help.



Architectural Specifications Amendment

ARMOR-BOND Industrial Strip Doors shall be Simplex Model #_ utilizing a bonded bead mount system. ARMOR-BOND polyester webbing shall be RF welded to the bonded bead to virtually eliminate tearing and stress cracking at point of attachment. Mounting hardware shall be one-piece Flat Wall or In Jamb anodized aluminum with built-in relief flanges.



PERSONNEL DOORS







Stops Cold Air Loss. Saves 30 - 50% on Your Energy and Maintenance Costs. Increases Employee Comfort. Controls Dust, Noise and Smoke at Open Doorways.

Strength, Durability and Unsurpassed Quality.

Ideal for Supermarket and Restaurant Walk-In Coolers and Freezers. Also Ideal for Institutional and Office Doors.

- One Year Warranty (see back page for details).
- Easiest Strip Door to Install.
- Strips can be Replaced or Rotated in Minutes, Easily Without Tools. Simply Loosen Thumb Screw at End of Track and Slide Strips Out.
- The One Piece Bonded Bead Mounting Hardware is Anodized for Long Life and Will Not Corrode.
- All Strips are Shipped Flat, (Never Rolled), So They Hang Perfect Right Out of the Box.



Vinyl Thickness Guide										
.060 =										

Architectural Specifications Amendment

AirBlock Personnel Strip Doors shall be Simplex Model #___ utilizing a bonded bead

mount system RF welded to the top of each strip. Mounting hardware shall be one piece Flat Wall or In Jamb anodized aluminum with built-in relief flanges.

	Mode	el Spec	cs.	Siz	Sizing Guide Recommended Applica								licati	ons		
Model	Thickness	Strip Width	Overlap	Maximum Height	Minimum Door Width	Minimum Height	Indoor Use	Outdoor Use	Exterior Door	Personnel Traffic	Light Forklift	Heavy Forklift	Temperature Control	Safety Barrier	Sound Control	Insect/Bird Control
6041	.060	4"	1″	7′	2′	1′	•	О	О	•	О	О			0	
6041.5	.060	4"	1.5"	8′	2′	1′	•	0	0	•	0	0	•		0	•
6061	.060	6"	1"	7′	2′	1′	•	0	О	•	0	0			0	•
6061.5	.060	6"	1.5"	8′	2′	1′	•	0	О	•	0	0	•			•
6062	.060	6"	2"	9′	2'	1′	•	0	О	•	О	О	•			•
6081	.060	8"	1″	8′	3′	1′	•	О	•	•	О	О	•	•		•
6082	.060	8"	2"	10′	3′	7'	•	О	•	•	О	О	•			•
6083	.060	8"	3"	12′	3′	7′	•	0		•	0	0	•		•	•

Excellent

▶ Good

O Not Recommended

Suitable But Excessive

Note: Minimums and maximums are Simplex's recommendations for ease of use and mobility through strips. For additional help in choosing the correct strip door see page 8 or call our 800 number and we will be glad to help.

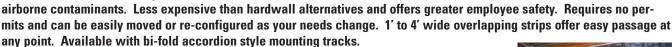


INDUSTRIAL STRIP DIVIDERS AND BARRIERS

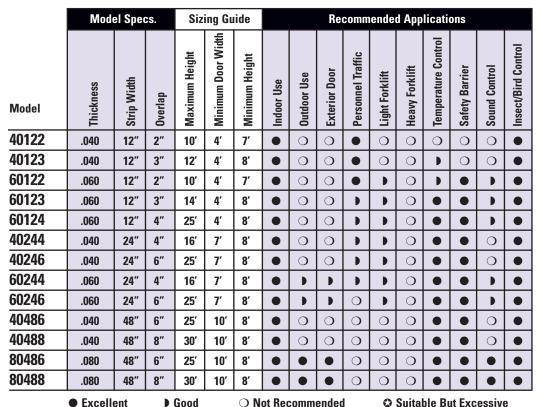


Strength, Durability and Unsurpassed Quality

Use for larger areas to divide or separate product, processes or personnel. Protects against cross contamination and helps to increase product yields. Protects against sound, temperature, light transmission, dust and other



- One Year Warranty (see back page for details).
- Easiest Strip Door to Install.
- Anodized Aluminum Two Piece Mounting Hardware is Clean, Attractive and Will Not Corrode. Also Available in Powder Coated Baked Finish.
- Strips can be Installed or Replaced by Simply Loosening Thumbscrew, Lifting Strips off Track from the Front or Sliding Them Out the End of the Track.





Architectural Specifications Amendment

AirBlock Strip Dividers and Softwall Barriers shall be Simplex Model #_____

utilizing an RF bonded hook bead mount system. Mounting system shall be a two piece Flat Wall or In Jamb anodized aluminum with built-in relief flanges. Other application specific bifolding rolling hardware available. Consult Simplex representative or factory for details.





SOUNDBLOCK INSULATED STRIPS AND PANELS



- Up to 48 Decibel Sound Drop.
- Excellent for High Frequency Noise, (Saws, Mills, Compressors, etc.).
- Available in Clear Vinyl Outer Layer for Safety. Tinted and Opaque Colors Also Available.
- 100% Waterproof. Suitable for Outdoor Use. Easy to Clean.

SB-4012 12" strip

SB-4024 24" strip

SB-4048 48" strip

R 48" strin

SB-100* Mass-loaded, high density vinyl for Low-energy noise. 100 mil thick. Grey.

* New material

Architectural Specifications Amendment

SoundBlock transparent curtains shall be a Simplex double layer, 40 mil vinyl heat sealed encapsulating a 1/2 layer of poly bubble pack.



STRIP SCREEN VENTILATED STRIPS AND PANELS

see chart on page 6



Heavy-duty vinyl coated polyester screenmesh is RF welded into strips. Size of screen area can be adjusted depending on required ventilation and type of traffic through strips.

Use on any doorway or area where you want to keep bugs, birds and other flying debris out while allowing fresh air to pass through.

Excellent for shipping/receiving doors, interior dividers, safety machine screens, restaurants and food manufacturing plants.

Models: SC-4012, 4024, 4048, 6012, 6024, 8048

SC-12012

see chart on page 6

see chart on page 4

Model CSR - 808

Architectural Specifications Amendment

Strip screens shall be Model #____.
Strips shall be a vinyl coated fiberglass screen with 2" vertical side borders for support and to assure sealing at the overlaps.

COLORED STOCK ROOM STRIP DOORS

Available in tinted or solid opaque colors. Safer than impact doors. Allows fast, easy passage for personnel, hand trucks or forklifts and is attractive in appearance.

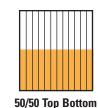
■ RF Heat Sealed for Superior Strength.

Use to Obscure View of Storage or Unsightly Areas.









Architectural Specifications Amendment

ARMOR-BOND
colored stock room
strip door with
view windows
shall be Simplex
Model # _____CSR 808
(select window style).

See ARMOR-BOND Industrial Specifications Chart (page 4) for Recommended Sizing and Applications.



CALL 1 800 854-7951 TODAY FOR A QUOTE, SPECIFICATIONS OR FREE DESIGN HELP



HOW TO CHOOSE THE RIGHT DOOR

How to Choose and Measure for Your Strip Door

General Guidelines:

The most common mistake found when choosing a strip door is selecting too heavy or wide of a strip for your application. This mistake will make it harder to use the strip door and leads to dissatisfaction with the product. On small doors, use smaller strips which are

easier to pass through. As the door gets taller, you can increase width of strip and still maintain ease of passage. Taller doors usually require more overlap. Use thicker vinyl for drafty or windy areas as well as for heavy mechanical traffic such as forklifts. Refer to model charts for more guidelines for choosing the correct model or call our toll free number for help.



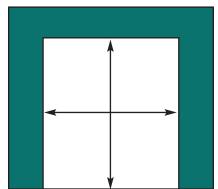


Flat Wall Mount

In Jamb Mount

- 1. Measure width then height of door opening or area where you want to install the strips.
- 2. Decide on type of mounting that best suits your application. Usually the wall mount is preferred on doorways. This gets the hardware out of the doorway and allows the strips to overlap the door jambs for maximum seal. Usually allow 6" more in height and add about 6" total in width when ordering. For in jamb header mounts, simply order the exact size you need to fill the opening.
- 3. Choose type of material required. (Note: Not all materials are available in all models. Please refer to models and available compounds chart on page 9.)
- 4. Choose model number that is best suited for your application.

Note: Simplex specializes in custom manufacturing. If you don't see what you need or have a special requirement, please call us at 1 800 854-7951.



Types of Materials Available

See charts on right hand page for which materials are available in the different models as well as material specifications.

Standard Compound

Available in clear, reinforced, frosted matte finish and scratch resistant raised rib strips. Our standard compound is the best in the industry. Designed to resist yellowing, curling, and cracking, even in the harshest outdoor environments.



Solid, Opaque and Tinted Colors

Available in blue, tan, grey and white for decorative use. Amber tint for light blocking. .80 mil is certified for all welding applications. Red tint .040 is for welding. Grey smoke tint for reducing heat buildup from sunlight. 120 mil is suitable for welding. OSHA orange safety marker strips. Black is excellent for laser and darkroom applications. Custom colors available, contact factory.



USDA and Super Low Temperature Vinyl

Designed primarily for low temperature applications such as walk-in freezers, frozen food warehouses and extreme cold outdoor climate areas. Available with reinforced cords for when used in medium temperature areas that require USDA formulations. The cords keep the softer formulated strips from stretching and sagging. Scratch resistant rib strips are also available.



Static Dissipating Anti-Static Vinyl

e-mail: info@simplexis.net

Designed for use in static sensitive applications such as semiconductor computer chip manufacturing, explosive environments and extremely dusty applications. Because the strips will not hold a charge, they tend to attract less dust to their surface.



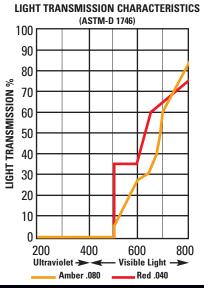


MATERIAL SPECIFICATIONS

Locate the desired model to determine available compounds or locate the desired compound to determine available models.

	Available Strip Materials and Compounds															
Model	Standard Clear	Standard Frosted	Standard Rib	Standard Reinforced	USDA Low Temp	Reinforced Low Temp	Frosted Low Temp	Ribbed Low Temp	Super Low Temp.	Anti-Static	Anti Static Frosted	Smoke Tint	Amber Tint Weld	Blue, Beige, Grey	OSHA Orange Tint	Red Tint Weld
4012	•									•						
4024	•									•						
4048	•	•									•	•		•	•	
604	•	•														
606	•	•				•	•			•	•					
608	•	•			•		•		•		•					
6012	•	•			•		•			•	•	•				
6024	•				•											
808	•	•				•	•	•	•	•		•	•	•	•	
8048	•												•			
1208	•															
12012	•		•		•	•		•	•	•		•				
16016																

			Spe	cifica	tions a	ind AS	TM Te	est Met	hods	in ()		
PVC Compounds	Hardness Durometer (D-2240)	Tensile Strength % (D-412)	Ultimate Elongation % (412)	Ultimate Tear PSI (D-1004)	100% Module PSI (412)	Brittle Temperature (°F)	Min. Operating Temp. (°F)	Max. Operating Temp. (°F)	Specific Gravity	UV Stability (In Sun Light)	Flame Test UL 94VO	Flame NFPA 701 Small Scale
Standard Clear	80	2400	350	350	1350	-48	+10	+150	1.21	•	Pass	Pass
USDA Low Temp	70	2200	400	350	1000	-60	-20	+130	1.20	0	Pass	**
Super Low Temp	63	1650	425	350	700	-68	-40	+130	1.20	•	Pass	**
Opaque Solid Colors	80	2400	350	350	1350	-48	+10	+150	1.21	•	Pass	Pass
Anti Static	80	2400	350	350	1350	-48	+10	+150	1.21		Pass	Pass
Smoke Tint	80	2400	350	350	1350	-48	+10	+150	1.21	•	Pass	Pass
Amber Tint												
Weld Screen	80	2400	350	350	1350	-48	+10	+150	1.21	0	Pass	Pass
Red Tint												
Weld Screen	80	2400	350	350	1350	-48	+10	+150	1.21	0	Pass	Pass
OSHA Orange	80	2400	350	350	1350	-48	+10	+150	1.21)	Pass	Pass



THERMAL PROPERTIES OF PVC BARRIERS											
Density	Density Thermal Conductivity										
lb/cu. ft.	(K) BTU (hr) (sq. ft.)	Resistance									
75	(deg. F/in.) 0.73	(I/k) 1.37									

Transmission Loss in dB															
Freq. (Hz)	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3100	Class*
48" x .080" Sheet	8	11	9	12	13	16	17	18	21	21	24	25	26	28	20
48" x .160" Sheet	11	14	13	17	16	19	21	22	24	26	27	29	30	32	23
8" x .080" Strip	6	9	11	12	14	14	16	15	15	14	14	16	16	17	15
12" x .120" Strip	12	15	15	16	18	17	16	15	17	17	20	21	21	22	19
Sound Block BP	10	11	11	13	12	10	9	16	24	30	36	41	45	47	16
Sound Block SB-100	13	14	17	19	21	22	23	25	27	29	31	32	33	34	26

^{*} Sound Transmission Class



** Has Not Been Tested



INNOVATIVE MOUNTING SYSTEMS

SIMPLEX has always believed that form should follow function. Our **BONDED BEAD** and **HOOK BEAD** mounting systems exemplify this philosophy. The products of sophisticated engineering, these innovative mounting systems work in combination with our strip doors. Strong and durable, they install in two easy steps. No tools are required to install or remove strips from mounting tracks. They're designed to make your strip door longer lasting, more energy efficient, easier to install and maintain.

Get a lifetime guarantee with ARMOR-BOND. Tearing and stress cracking on most strip doors occur within the first few inches of the mounting, especially on clamp and bolt type mounts. **ARMOR-BOND** is a process of bonding a special untearable polyester webbing around our already tough bonded bead. **ARMOR-BOND** has proven to virtually eliminate all tearing and stress cracking at the point of attachment. Install **ARMOR-BOND** strips with confidence in even your most brutal and heavily traveled doorways. See back cover for guarantee details.



BONDED BEAD MOUNTING SYSTEM Patent Number 4,312,396 and other patents pending. The BONDED BEAD mounting system is one of the most advanced developments in the strip door industry. Unlike common bolt and clamp type systems, the patented BONDED BEAD mounting track system with its built-in relief flanges, allows the strips to pivot freely, reducing stress and protecting the top of the strips from the elements. This drastically increases the life of the strips.

The **BONDED BEAD** system boasts the easiest installation available. Simply mount track and slide your new strips into the track. No tools are required to install or remove strips. This makes it easy to rotate strips for maximum life. All Simplex mountings are supplied with hardware to allow you to mount to any wall surface. No special trips to the hardware store here!



Flat Wall Mount



In Jamb Ceiling Mount

HOOK BEAD MOUNTING SYSTEM

The **HOOK BEAD** mounting system features 2-piece construction which allows the front plate to be removed for easy strip installation and removal. The **HOOK BEAD** system offers all the same advantages of the bonded bead system: improved durability, better energy efficiency, and easy installation and maintenance. This mounting system is recommended for large strip dividers and barrier applications.



Flat Wall Mount



In Jamb Ceiling Mount

Flex-track

- Versatile mounting system specifically designed for contamination control applications. Very effective for the food service industry.
- Streamlined, one piece design promotes easy installation. Flexible living hinge allows track to flip open for quick removal of strips.
- No exterior crevices means a cleaner, more sanitary device. Exclusive flex seal keeps moisture and other contaminates out for easy wipe down and cleaning.
- Constructed of heavy duty PVC.









OPTIONAL HARDWARE AND FRAME SYSTEMS

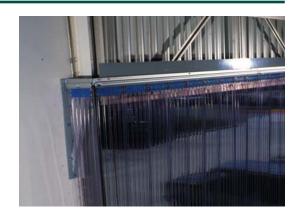
SIS Modular Frame System

- Ideal for cleanroom, machinery, and process isolation enclosures.
- One extrusion does it all from free standing barriers and dividers to complete rooms.
- Only basic tools are required for assembly.
- Designed to be built in modules for easy assembly and expansion.



Overhead Door Brackets

- Allows you to mount your strip door inside for maximum protection from the elements.
- Adjustable, easy to install system adapts to any industrial door from canister mounts to solid roll up doors.
- Supplied with side seal strips and available in medium and heavy duty styles.
- All brackets and cross bars are epoxy powder coated for resistance to all weather conditions.



Sliding Door Track

- Allows strip doors to slide open for passage of equipment or product.
- Can be ordered for single or double bi-parting sliding systems.
- Available in anodized aluminum, galvanized steel and stainless steel.



Other Systems Available

- Swing away bracket systems.
- Folding accordion strip systems.
- Free standing portable frames.
- Modular ceiling systems.
- If you have a special application call Simplex and let us put our over 20 years experience to work for you.





Other Products

Whatever your separation and isolation requirements, Simplex will do what it takes to

meet them. Over the past 20 years, we've

responded to our customers' challenges by pioneering innovations that set new standards in flexibility, durability, and low total cost of ownership. When it comes to meeting your needs for a clean, safe, energy efficient environment, look to Simplex for endless possibilities.

AirLock and SIS Modular Frame Systems provide versatile, flexible, easy to install

enclosure configurations for cleanrooms, portable offices, production enclosures and

more. -

Simplex AirBlock Softwalls provide an economical alternative to permanent wall partitions and are suitable for applications requiring the highest level of cleanliness.

Dual-Flex Flexible Impact Doors provide superior temperature control and energy savings. They're ideal for walk-in coolers and freezers. —

With products like these, it's no wonder we proudly stand behind them with the most comprehensive warranties in the business.



Simplex Strip Doors, Inc. 14500 Miller Ave. Fontana, CA 92336 Toll Free: **800 854-7951**

FAX: 909 429-0217 website: simplexis.net e-mail: info@simplexis.net

Southeast RegionToll Free: **800 692-4378**FAX: **770 831-9311**

Northeast Region Toll Free: 877 746-7540 FAX: 781 982-0978



Simplex warrants their products to be free of manufacturing defects and against product failure of any kind for a period of one year from date of shipment. This includes premature yellowing or curling of strips (excluding those components that do not have UV protection - see sales rep for details). This warranty is limited to the repair or replacement of vinyl strips, vinyl panels or softwall materials and/or attaching hardware, and does not include damage resulting from accident or malicious misuse. This warranty further applies only when the recommended material thickness and width are used for the originally specified application. Further, it applies only to Simplex doors, softwalls or frame systems which are properly installed in accordance with Simplex installation instructions. Additional extended warranty may be available on certain applications. See individual application sheets or ask your representative. ARMOR-BOND lifetime guarantee applies to first 3 inches of strip where stress is the greatest and attaches to the mounting hardware. Remainder of strip applies to 1 year warranty.



Expect a Full Measure of Quality.

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SSD-CAT-001-1101-5M