



WORLD LEADER IN FLEXIBLE SPACE MANAGEMENT

PARTITIONS

The Next Generation of Flexibility



operable • glasswall • accordion





THE NEXT GENERATION OF FLEXIBILITY

Operable PARTITIONS

SERIES 600 FEATURES

FOUR-FINGER, MULTIPLE CONTACT SWEEP SEALS

“QUICK-SET” TOP AND BOTTOM MECHANICAL SEALS

STANDARD 1" TOP AND 2" BOTTOM CLEARANCES (DEEPER BOTTOM CLEARANCES OPTIONAL ON SINGLE 4" THICK PANELS)

WELDED, HEAVY-DUTY 16-GAUGE STEEL FRAME

PROTECTIVE VERTICAL EDGE TRIM OR OPTIONAL MONOLITHIC EDGES

GYPSUM AND STEEL ACOUSTICAL FACES WITH TACKABLE SURFACE OPTIONS

STANDARD VINYL. OPTIONAL FABRIC, CARPET AND CUSTOM FINISHES MAY ALSO BE APPLIED

WAIST-HIGH SEAL ACTIVATOR FOR FAST, EASY SETUP

DEEP NESTING, VERTICAL BULLNOSE/ASTRAGAL SYSTEM



top to bottom:

Customized bottom seals enable these panels to seal against the steps when this University auditorium requires simultaneous sessions.

The beautifully detailed wood veneer faces on these movable panels match the perimeter walls in this upscale restaurant.

Electrically operated partitions easily convert this gymnasium into three classrooms. The Hufgard protection system stops the partition should people or objects obstruct the partition during movement.

This Georgia hotel uses Hufcor omni-directional panels to create multiple meeting spaces. Additional runs of transfer track allow the staff to move the panels without disturbing meetings in progress.

Operable Partitions

SERIES 600

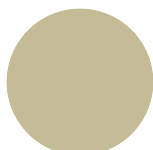
Operable Partitions, also referred to as “airwalls” or flat panels, deliver unlimited space division and acoustical separation. Choose from paired or continuously hinged models for wall-to-wall space separation or single panels for optimum room flexibility. As the world’s leading manufacturer of partitions, we have models for every budget and need. For facilities with special requirements, our engineering department can make recommendations or custom design partitions.

The Hufcor 600 Series operable partition is the most versatile and aesthetically pleasing operable wall constructed today. It combines the durability of a welded steel frame with the design versatility of various acoustical and decorative face constructions.

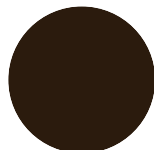
The panel design enables the 600 series to be manufactured with Hufcor’s quick-set mechanical top and bottom seals that provide the most reliable and fastest in-field operation. Hufcor’s time-tested protective edge trim is standard on both the 3” and 4” thick models yet both can be supplied with a monolithic, untrimmed edge. The deep nesting, interlocking bullnose/astragal and integrated seals provide a reliable vertical seal that keeps out sound.

Trim Colors – Standard

The 600 Series is available in three standard trim colors – Lamb’s Wool, Brown or Gray. Custom colors for metal trim are also available for an upcharge.



Lamb’s Wool



Brown



Gray

Pass Door Features

Hufcor’s pass door has been designed to provide optimal in-field performance. Features include:

- Rigid steel truss frame for durability
- ADA compliant push-pull door hardware
- Protective edge trim for durability and visual requirements identified by International Building Code
- Perimeter compression seals
- No exposed fasteners on inside of door frame
- Positive latching door hardware
- Edge activated bottom seals with downward seal force to stabilize door in opening
- Door leaf compensates for floor variances with a field adjustable mechanical bottom seal

Model Number Chart

When specifying the Hufcor 600 series, simply choose performance features – STC rating, seal system, trim color, protective edge trim, pass doors, finishes – as needed on the project. Our model numbers are easy to understand once you know the code (see the code chart below).

MODEL NUMBER CHART

First Digit 6: 600 Series

Second Digit 3 or 4:
3” or 4” thick panels

Third Digit:
1 for single models; 2 for paired models; 3 for continuously hinged (train) models

Fourth Digit:
E for Electric operation;
F for Fire-Rated

1st Digit	2nd Digit	3rd Digit	4th Digit	Model Number
Series	Panel Thickness	Configuration	Optional Code for Special Requirements	
6	3" [76]	Single Panels		631
6	3" [76]	Paired Panels		632
6	3" [76]	Continuously Hinged (Train)	E = Electric Operation	633, 633E
6	4" [101]	Single Panels	F = Fire Rated Model Available	641, 641F
6	4" [101]	Paired Panels	F = Fire Rated Model Available	642, 642F
6	4" [101]	Continuously Hinged (Train)	E = Electric Operation	643E

Note: Metric dimensions are in []

600 SERIES: SPECIFICATIONS

Panel Construction

Panels are a nominal 3" [76] or 4" [102] thick. Panel faces are laminated to the appropriate substrate to meet the STC requirement. Welded frames are of 16 gauge [1.42mm] steel with integral factory applied aluminum vertical edge and face protection. (Optional: no protective vertical face trim for a monolithic look.) Vertical sound seals are of tongue and groove configuration to ensure panel-to-panel alignment and prevent sound leaks between panels. Hinges for pairs or continuously hinged models are recessed and project no more than 1/4" [6] from the panel face.

Finishes

The standard face finish is factory-applied vinyl; however, optional carpet, fabric, wood veneers and other custom finishes are available on

most models. Panels may also be unfinished for field decoration. The metal trim is powder coated and the matching vinyl seals are available in Lamb's Wool, Gray, or Brown. Custom metal trim colors are available. If a custom trim color is selected, the vinyl sound seals will be furnished in Gray, Brown or Lamb's Wool.

ISO Registration

Hufcor U.S. quality system is registered to the ISO 9000 standards.

Warranty

Series 600 partitions are guaranteed for two years against defects in material and workmanship, excluding abuse.

630 SERIES Stack Sizes

Configuration	Model(s)	Nominal Stack Depth
Paired	632	3-3/4" [95] per panel + 1" [25] (for Type 38 track) 4" [102] per panel + 1" [25] (for Type 40, 11 track) ¹
Individual (Omni)	631	3-3/4" [95] per panel + 1" [25] ¹
Continuously Hinged (Train)	633 (manual) 633E (electric)	4" [102] per panel + 8-1/2" [216]

640 SERIES Stack Sizes

Paired	642/642F	4-1/4" [108] per panel + 1" [25] ^{1,2}
Individual (Omni)	641/641F	4-1/4" [108] per panel + 1" [25] ^{1,2}
Continuously Hinged (Train)	643E (electric)	4-1/4" [108] per panel + 8-1/2" [216]

¹ Stack size shown is for retractable bottom seals. Use of optional face material may increase stack dimensions.

² For fire rated models, add 1-1/2" [38] in lieu of 1" [25].

630 SERIES STC & Hanging Weights

Models	Sound ¹ Transmission Class (STC)	Hanging Weight ² Lbs./Sq.Ft. [Kg./Sq.M]
631/632/633	51	10.2 [49.8]
631/632/633	49	8.9 [43.5]
631/632/633	47	7.8 [38.1]
631/632/633	43	7.3 [35.6]
631/632/633	41	5.7 [27.8]

640 SERIES STC & Hanging Weights

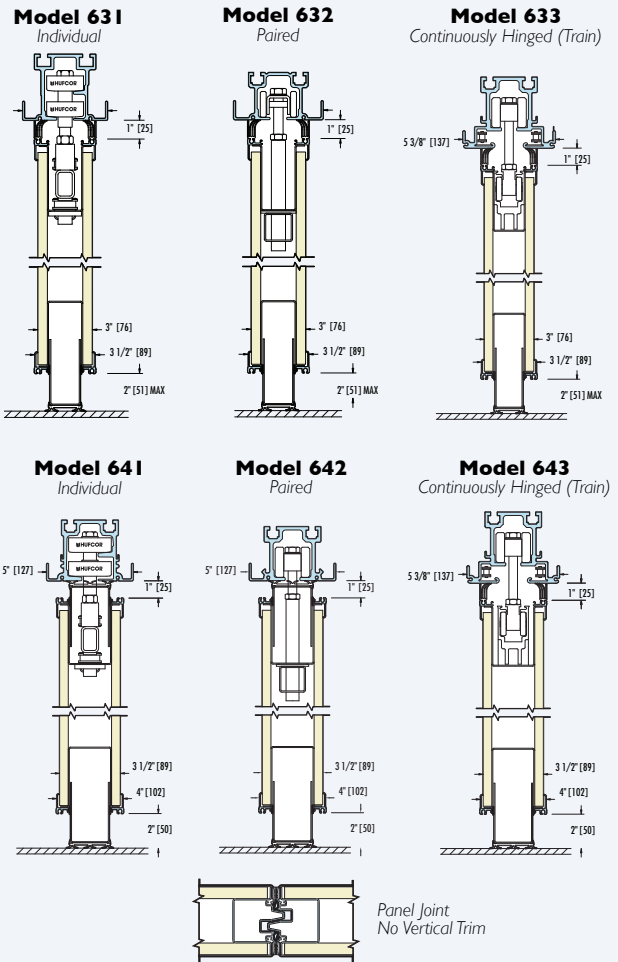
641/642/643	54	10.9 [53.2]
641/642/643	51	9.5 [46.0]
641/642/643	49	8.5 [41.2]
641/642/643	47	8.0 [38.7]
641/642/643	43	7.8 [37.8]

¹ Sound Transmission Class (STC). Not all substrates are available for all STCs.

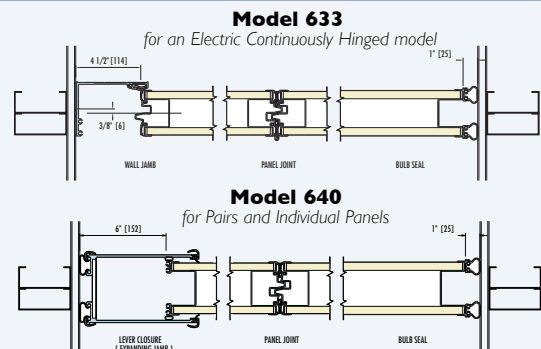
² Estimated standard panel weight. Weight will vary based on size, substrate and options. Allow approx. 3.6 lbs./lin. ft. [5.3 kg/m] for track. Add 140 lbs. [63 kg] for pass door; add 5 lbs./lin. ft. [7.4 kg/m] of height for Lever Closure Panel. Weights are calculated for a single line of panels only.

Note: Metric dimensions are in []

600 SERIES SECTIONS



600 SERIES HORIZONTAL SECTIONS

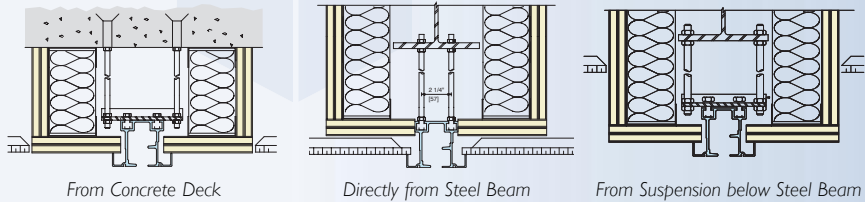


Track Systems

A QUALITY TRACK SYSTEM ASSURES YOUR PARTITIONS WILL MOVE EASILY FOR YEARS TO COME AND ENHANCE FAST PANEL SET-UP AND TAKE-DOWN.

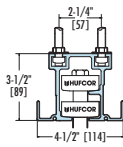
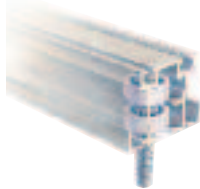
All Hufcor tracks are rigorously tested for a minimum of 100 miles (approx. 10 years) of use. Job requirements vary, which is why Hufcor offers a selection of tracks to meet your needs. Our patented designs are the most imitated in the industry.

SOME TYPICAL SUSPENSIONS:



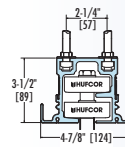
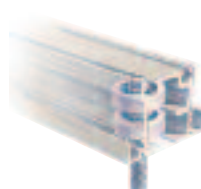
ALUMINUM TRACK SYSTEMS

Our aluminum tracks are of clear anodized extruded architectural grade 6063-T6 alloy. Among aluminum's benefits are quiet operation, consistent shape for end-to-end alignment, unitized design for incorporating header panels and alignment pins, corrosion resistance, and we anodize it for a smooth, hard running surface needed for proper carrier movement. A selection of tracks is available to accommodate the weight of the model selected. The tracks have been load tested a minimum of 100 miles [161] (approximately 10 years of use).



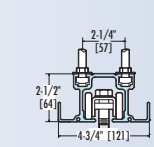
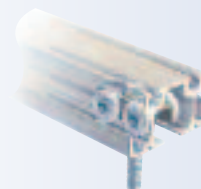
**TYPE 26
OMNI-DIRECTIONAL**

Weights to 500 Lbs. per panel



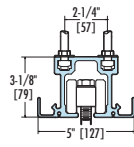
**TYPE 36
OMNI-DIRECTIONAL**

Weights to 1000 Lbs. per panel



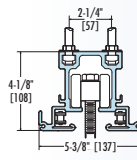
**TYPE 38
PAIRS & MANUAL TRAINS**

Weights to 400 Lbs. per panel



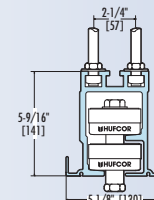
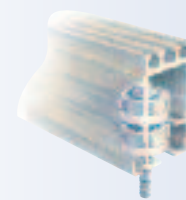
**TYPE 40
PAIRS & MANUAL TRAINS**

Weights to 900 Lbs. per panel



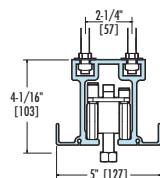
**TYPE 42E
ELECTRIC TRAINS**

Weights to 900 Lbs. per panel



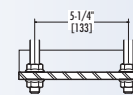
**TYPE 57
OMNI-DIRECTIONAL**

Weights to 1500 Lbs. per panel



**TYPE 28
CURVE & DIVERT TRACK FOR
INDIVIDUAL PANELS**

Weights to 1200 Lbs. per panel



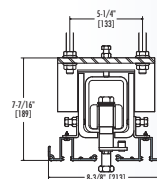
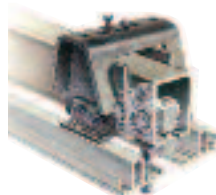
OPTIONAL SUSPENSION BRACKET

Optional suspension bracket for 5-1/4" [133] spacing. Available on all aluminum tracks.

STEEL TRACK SYSTEMS

Hufcor Steel Track is used when the partition height or weight limit exceeds that recommended for the aluminum system.

Note: Metric dimensions are in []



**TYPE 11
OMNI-DIRECTIONAL, ELECTRICAL
& PAIRED PANELS**

Weights to 3000 Lbs. per panel



MORE ABOUT HUF COR...

U.S. Owned & Operated with Worldwide Distribution Hufcor is the world's leading manufacturer of operable partitions. In the U.S., products are manufactured in Janesville, WI, and available from local distributors throughout the U.S. Outside the U.S., products are manufactured throughout the world and may be purchased through a network of worldwide distributors.

Warranty Most Hufcor products are guaranteed against defects in materials and workmanship for two years. Our warranty covers all parts and their installation. Compare this warranty with others whose warranty covers only some parts.

ISO Registration Hufcor U.S. quality system is registered to the ISO 9000 standards.

Suspension Systems Hufcor track systems have been life-cycle tested for approximately 10 years of use.

Acoustics Acoustically rated partitions have been tested in accordance with ASTM E90, unlike some manufacturers that only test a single element and not a complete system.

Decorative Finishes We offer a wide array of factory-applied standard vinyl face finishes; however, optional carpet, fabric, wood veneer, high pressure laminate and other custom finishes or trim colors are available on many models. Panels may also be unfinished for field decoration.

Custom Designs Most products may be modified for specific design requirements. Examples include: notched panels to fit around soffits, special sized panels to seal against sloped or stair-stepped floors, and window inserts.

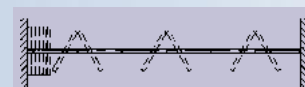
Continuing Education We offer two Continuing Education Programs which qualify for AIA/CES Learning Units: How to Optimize the Acoustical Performance of Rooms with Operable Partitions and An Introduction to Glasswall Partitions. Contact your local Hufcor Distributor to schedule a presentation.

Product Guide

SUPPORT	STACK	CONFIG. ¹	UNIQUE FEATURE ²
Overhead	Center	Pairs	Steel frame
			Steel frame
			Steel frame/face/Fire Rated
			Glass Panels - Frameless
			Glass Panels - Timber-framed
	Side	Single (also referred to as Omni or Individual Panels)	Glass Panels - Acoustically
			Steel frame
			Steel frame
			Steel frame/face/Fire Rated
			Steel frame/4" btm seal
Center	Continuously Hinged (train)	Steel frame/4" btm seal/Fire	
		Glass Panels - Frameless	
Center	Accordion	Glass Panels - Timber-framed	
		Glass Panels - Acoustically	
Bi-Fold	n/a	Vertical Pair	Steel frame
Floor Support	Center & Side	Unispan Support System for Pairs & Single Panels	Replaceable Covers
			Track and partition system. Used with operables and accordions

Partition Types

OPERABLE PARTITIONS – (also described as Hufcor brand Airwalls, movable walls, flat panels) are a series of panels suspended from tracks. When in place, the panels are similar in appearance to a permanent wall. Rated for sound separation, Hufcor operables are available in paired, individual (omni-directional) and continuously hinged configurations. Glass operable partitions are available in paired and individual configurations.



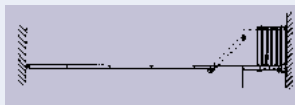
Paired Panels:

For wall-to-wall division. Panels are hinged in pairs and are manually operated. Completely close the opening or place panels along the track for use as display panels or sight dividers. Recommended for: classrooms, meeting rooms and training centers.

Hufcor offers an extensive selection of products. The Product Guide below lists standard product features; however, many products can be modified for special job site requirements.

	SERIES	TOP SEALS		FLOOR SEALS ²			VERT. TRIM	MAX. ² HEIGHTS	MAX. WIDTH ² FOR SINGLE OPENING	STC ACOUS. RATINGS
		FIXED	RETRACT	RETRACT	FIXED	AUTO				
	632	std	opt	std	opt	opt	std/opt	24'3" [7.3m]	Unlimited	41-51
	642	opt	std	std	opt	n/a	std/opt	24'3" [7.3m]	Unlimited	43-54
	642F	n/a	std	std	n/a	n/a	n/a	24'3" [7.3m]	Unlimited	51, 54
	GL2	std	n/a	n/a	std	n/a	opt	10'5" [3.2m]	Unlimited	n/a
	GT2	std	n/a	n/a	std	n/a	n/a	10'2" [3.0m]	Unlimited	n/a
Rated	GA2	std	n/a	opt	std	n/a	std	12'2" [3.7m]	Unlimited	44
	631	std	opt	std	opt	opt	std/opt	24'3" [7.3m]	Unlimited	41-51
	641	opt	std	std	opt	n/a	std/opt	40'5" [12.3m]	Unlimited	43-54
	641F	n/a	std	std	n/a	n/a	n/a	40'2" [12.2m]	Unlimited	51, 54
	641	opt	std	std	n/a	n/a	std/opt	40'5" [12.3m]	Unlimited	43-54
Rated	641F	n/a	std	std	n/a	n/a	n/a	40'2" [12.2m]	Unlimited	51, 54
	GL1	std	n/a	n/a	std	n/a	opt	10'5" [3.2m]	Unlimited	n/a
	GT1	std	n/a	n/a	std	n/a	n/a	10'2" [3.0m]	Unlimited	n/a
Rated	GA1	std	n/a	opt	std	n/a	std	12'2" [3.7m]	Unlimited	44
	633E	std	n/a	std	opt	n/a	std/opt	28'3" [8.6m]	157'4" [47.9m]	41-51
	643E	std	n/a	std	opt	n/a	std/opt	30'3" [9.2m]	119'11-5/8" [36.7m]	43-54
	633	std	n/a	n/a	std	n/a	std/opt	12'3" [3.7m]	40'11-1/8" [12.4m]	41-51
	1500-4500, manual, opt elec	std	n/a	n/a	std	n/a	n/a	17'0" [5.2m]	40' [12.1m]	15-45
	BF2	n/a	n/a	n/a	n/a	n/a	n/a	Sized per Job	Sized per Job	n/a
	U900	n/a	n/a	n/a	n/a	n/a	n/a	Determined by weight of panel	39'9" [12.1m]	n/a

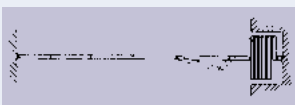
¹ See sidebar for additional information regarding configuration. ² Information shown is "standard." However, many products and features may be altered to meet specific job site requirements. Contact your Hufcor representative for assistance. n/a = not available **Note:** Metric dimensions are in []



Individual Panels:

(Omni-directional) Individual, single, manually-operated panels offer maximum room flexibility. The

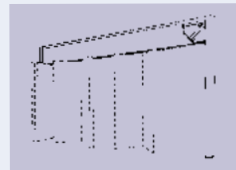
track system enables panels to be set at angles and alternate locations. Curves and self-storing systems are available. Recommended for: religious facilities, school multi-use areas, hotel ballrooms and convention centers.



Continuously Hinged:

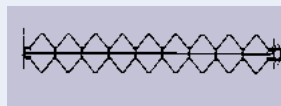
(Train) panels are hinged together and move from wall to wall in a straight line. Electrically operated

for fast, easy set-up. Recommended for school gymnasiums and hotel ballrooms. Manual operation available for small openings.



UNISPAN™ –

Unispan is a self-support system that allows the use of operable and accordion partitions in areas with inadequate overhead structure to suspend partitions. Bracing is needed for lateral support only.



ACCORDION PARTITIONS –

(or doors) provide fast space division. Simply pull across the opening and latch. Add switches, curves and posts

to move partitions to store in alternate locations or to intersect with other partitions. Available as single doors or pairs. Recommended for classrooms, meeting rooms and religious buildings – wherever you need easy, fast space division.

Choose Hufcor...

AND CHOOSE PARTITIONS THAT ARE KNOWN WORLDWIDE FOR QUALITY AND VALUE.



a This busy banquet facility uses short partitions to close off the bar when it is not needed. The vinyl faces were hand painted to match the permanent walls.

b Beautiful wood wainscot and chair rails were added to the panels to match the perimeter walls.

c Dividing auditoriums and meeting rooms with stairs is not a problem for Hufcor. Our bottom seals are modified to seal perfectly against each step.

Partitions must control sound. We test our products in our sound laboratory to make certain they meet or exceed our published acoustical ratings. The laboratory is certified by the National Voluntary Laboratory Accreditation Program (NVLAP) and, like our ISO certification, we undergo regular inspection to make certain we adhere to their strict regulations.

And, although it isn't required of us, we also hire an independent consultant to witness and verify any test results.

Worldwide Availability. Hufcor's U.S. manufacturing facility is located at our headquarters in Janesville, Wisconsin. In addition, Hufcor products are manufactured under license in Australia, Brazil, Canada, China, Finland, France, Germany, Japan, Malaysia, Mexico, Russia, South

Africa, Spain, and the United Arab Emirates. Hufcor products may be purchased through a network of authorized Distributors located throughout the world. Check our website or call for the name of your nearest representative.

Renovation and Repair. Not only do we provide new products, we also offer retrofit service for Hufcor products and those manufactured by others. Contact your local Hufcor representative for a free analysis of your needs.

Leasing Program. You may wish to consider the option of buying partitions through a lease program. Check with your accountant to see if leasing vs. a lump sum payment will provide you with financial benefits.

Hufcor Custom Delivery. If you need to pinpoint the delivery date and time (which is often critical for renovation projects), we can do it. In the U.S., our fleet of vans can deliver your order on time and without damage that can occur when shipping by other methods.



World Leader in Flexible Space Management™

WORLDWIDE HEADQUARTERS

PO Box 591 / 2101 Kennedy Road, Janesville, WI 53547
Toll-Free: 800-542-2371, ext. 214 Telephone: 608-756-1241
Fax: 608-758-8253 E-mail: info@hufcor.com
Web: www.hufcor.com

The Hufcor Commitment to Green Manufacturing, Sustainability and LEED™. Hufcor is committed to being an industry leader when it comes to protecting the environment by reducing pollutants and minimizing our environmental impact on air, water and land. For more than 10 years Hufcor has utilized a "Green" approach to manufacturing and energy consumption and has increased the percentage of materials that we recycle, reuse, repair, restock or return for salvage. Today, the Hufcor commitment and progress toward Green manufacturing is greater than ever as we continue to develop standards that support various LEED™ (Leadership in Energy and Environmental Design) points to assist the achievement of LEED certification goals.



IT'S ALL IN THE BOOK

More details on all Hufcor products are available in the Architectural Product Manual. Call your local rep today to receive a complimentary copy.

see us at
Sweets.com



*USGBC and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.



Hufcor offers continuing education programs for AIA members. Contact your Hufcor representative for details.

The quality systems of Hufcor's U.S. manufacturing facilities are registered to the ISO 9001 standards. Hufcor has a program of continuous product improvement. As a result, some products may be modified from those represented in this catalog.

Hufcor Partition U.S. Patents:			
2,861,660	3,056,193	3,223,147	3,295,257
3,295,588	3,450,185	3,638,376	3,755,968
3,783,930	3,879,799	3,042,960	4,014,137
5,181,296	5,230,123	5,406,676	5,481,834
5,564,759	6,112,466	6,167,937	