



ASM
innovations in access flooring

09 69 00/ASM
BuyLine 2805

You Can Help the Environment with Green Building Technology

**NEW 3,000 lb
Rated Panel**

2010 Innovations in Access Flooring



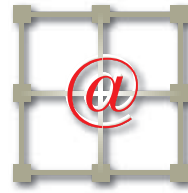
Helping you become
LEED Certified



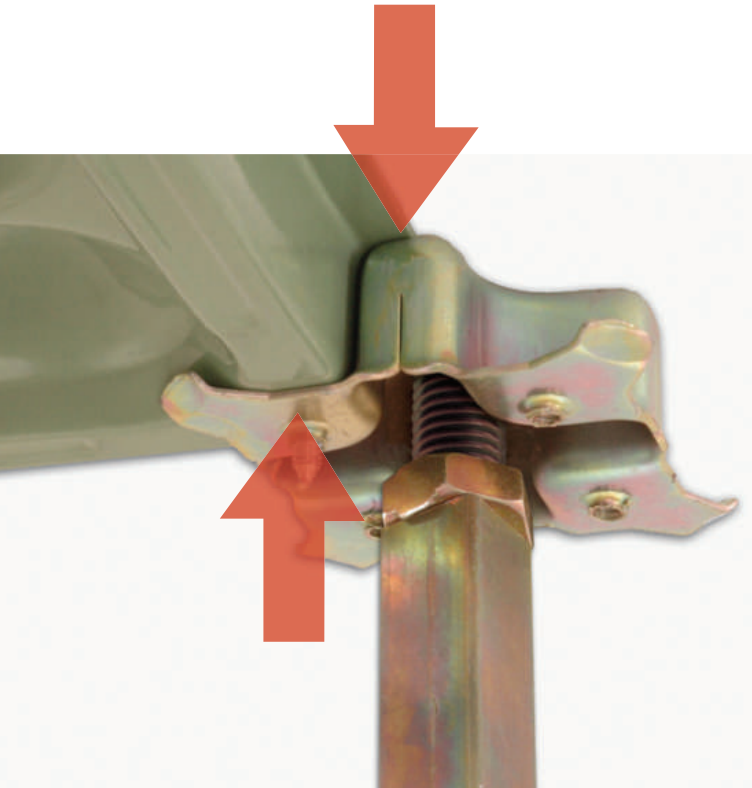
U.S.A. Design & Engineering
U.S.A. Quality & Testing
Global Vision

Is a member of
Kingspan

ASM's Quick-Loc Support System



ASM
innovations in access flooring



Support At Its Best

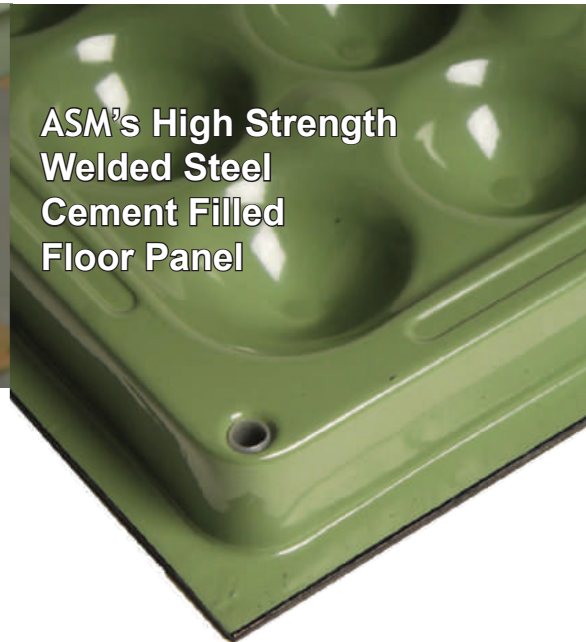
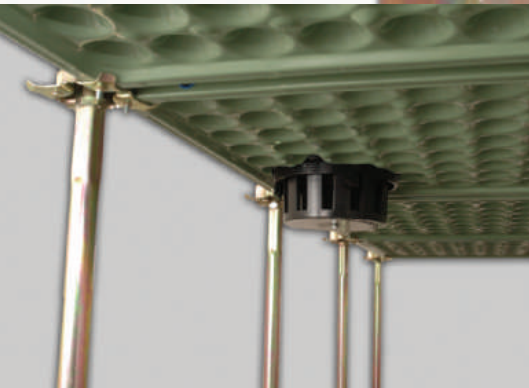
The ASM Quick-Loc pedestal (patent pending) is stamped and formed from one piece of metal, making it incredibly strong.

- Solid and Quiet
- 3" and Up in Floor Height
- Designed to be the Best
- Ground-Fast Panel Bolt

2 chips for breaking coating on surface of countersink and establishing metal-to-metal ground



The One And Only Dual Support System!



ASM's High Strength Welded Steel Cement Filled Floor Panel

ASM's Enviro Panel:

Most widely used panel design in the world



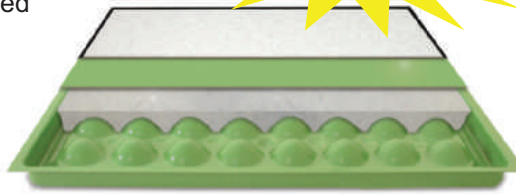
High Strength Corners

- High strength cement fill, along with steel designed in the corners where it is needed, gives ASM the best corner panel loading in the industry.
- Full strong corner where it is needed most.
- Rigorous performance testing.


FS-Series Enviro-Panel Concrete Filled Welded Steel Panels

Our best seller, the FS-Panel system, is constructed of a welded structural steel assembly designed to accommodate ultimate and dynamic loads. Its specially formulated cementitious fill and powder coated epoxy finish give the FS panel a quiet and very solid feel underfoot. Panel systems are available in both 24" x 24" and 600mm x 600mm.

**NEW 3,000 lb
Rated Panel**



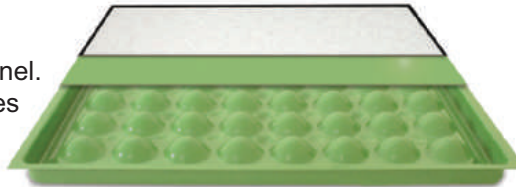
FS-Series Performance Guide

Panel	Ultimate Load		Concentrated Load		Impact Load		Rolling Load 10-Pass		Rolling Load 10,000-Pass	
	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)
FS100	3300	(14.68)	1000	(4.45)	175	(0.78)	800	(3.55)	600	(2.67)
FS200	3900	(17.35)	1250	(5.56)	175	(0.78)	1000	(4.45)	800	(3.55)
FS300	5400	(24.02)	1500	(6.67)	175	(0.78)	1250	(5.56)	1000	(4.45)
FS400	6300	(28.02)	2000	(8.90)	200	(0.89)	1500	(6.67)	1200	(5.34)
FS500	7000	(31.14)	2500	(11.12)	200	(0.89)	2000	(8.90)	1800	(8.01)
 FS600	10,000	(44.48)	3000	(13.34)	400	(1.78)	3000	(13.34)	3000	(13.34)

Notes: ASM Products are tested by a certified United States testing company. Certified test reports in accordance to [CISCA](#) test procedures are available upon request.

S-Series Enviro-Panel Hollow Welded Steel Panels

The S-Series hollow steel panel system uses the same welded steel technology found in the FS panel. With its high strength and light weight, the S-Series panel is the product of choice for many computer room applications. This panel has the ability to interchange with the FS panel, allowing for ultimate flexibility in flooring design. Panel systems are available in both 24" x 24" and 600mm x 600mm.



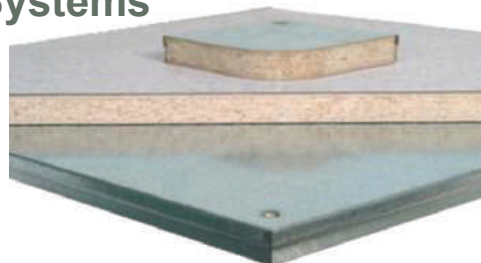
S-Series Performance Guide

Panel	Ultimate Load		Concentrated Load		Impact Load		Rolling Load 10-Pass		Rolling Load 10,000-Pass	
	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)
S100	3200	(14.23)	1000	(4.45)	150	(0.67)	400	(1.78)	400	(1.78)
S125	4500	(20.02)	1250	(5.56)	150	(0.67)	500	(2.22)	500	(2.22)
S150	5000	(22.24)	1500	(6.67)	150	(0.67)	600	(2.67)	600	(2.67)

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MC125 Metal Clad Woodcore Systems

The ASM MC125 Panel is constructed of a high density composite core encased in a sheet metal shell. The MC Systems offer high performance characteristics in a fair valued product. Its solid feel and light weight offers an economical solution to your access floor needs.



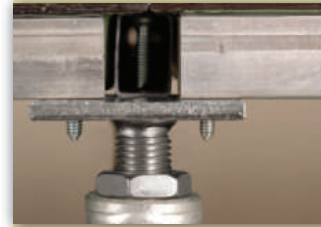
MC125-Series Performance Guide

Panel	Ultimate Load		Concentrated Load		Impact Load		Rolling Load 10-Pass		Rolling Load 10,000-Pass	
	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)
MC125	3000	(13.34)	1250	(5.56)	150	(0.67)	1000	(4.45)	800	(3.55)

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Rigid Grid

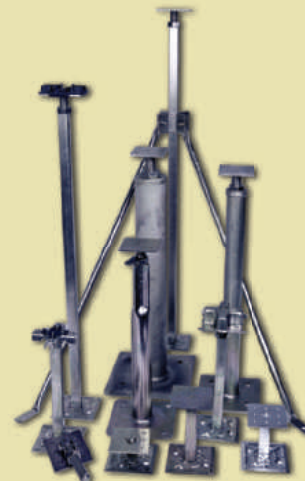
Offering great lateral support, this system is generally used where the panels are gravity held on the understructure. Stringers are available in 2' (600 mm) and 4' (1200 mm) lengths allowing for standard (2' x 2'), (4' x 2') or (4' x 4') basketweave installations.



Every ASM stringer boasts solid tube construction to resist bowing and spreading during load impacts, and a solid vinyl strip for a snug, quiet fit between stringer and panel.



All of ASM's parts are dipped in a corrosion-resistant, zinc whisker-resistant finish after stamping and welding, to protect welds and raw edges from rusting.



ASM's Air Flow Panels



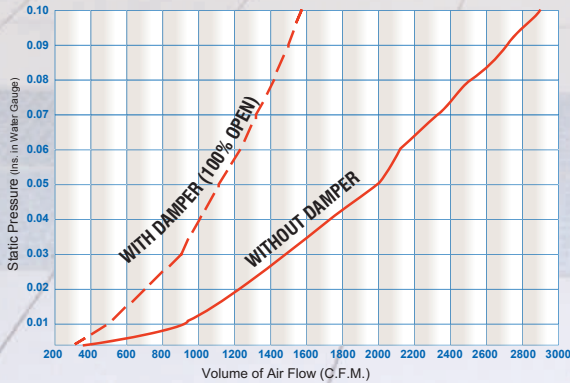
ASM
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Aluminum Accel-Air Panel AF500

Made of High Strength Cast Aluminum

For cold aisles the Accel-Air strong and durable panel has a free open area of 56% for those applications requiring the highest cooling conditions. Accel-Air panels can be finished in powder coat epoxy paint.

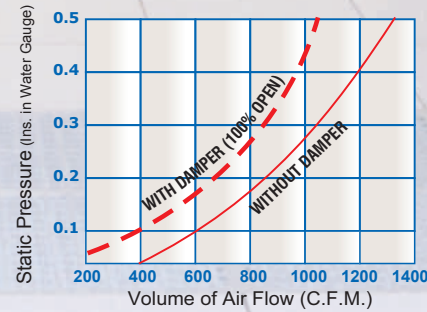
- 56% Open Air
- Slide Damper System
- Built and Sized For Any Floor System



Keeping Your Servers Cooled

AF200

ASM's AF200 perforated panel is part of a series of air flow panels, has a free area of 25% and comes with or without mechanical dampers.



PGD Grounding Clip supplied on all computer room panels

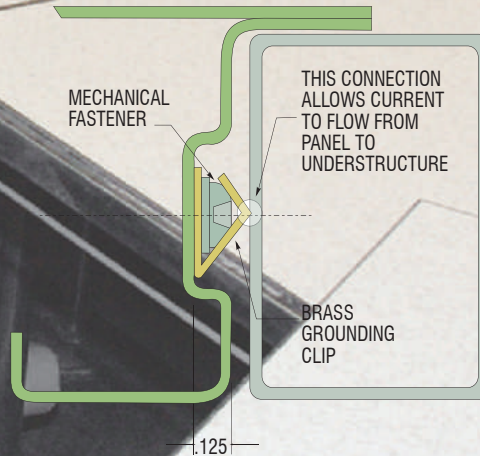
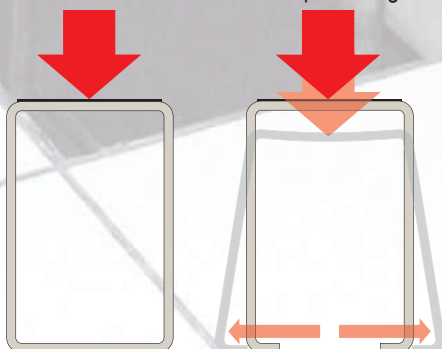
Rigid Grid Understructure with Box Stringer

ASM's new high strength stringers deliver unprecedented strength because of their unique solid tube design.



ASM's Solid Tube Design

Conventional U-shaped stringer



PGD Electrical Grounding Clip

Is your floor grounded? If there is electrical build-up or a grounding problem on top of the floor, it can cause major problems and shut down your system.

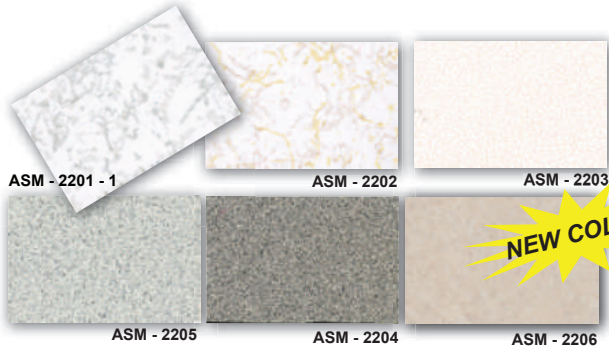
ASM is the only manufacturer to comprehensively address grounding problems by incorporating a solid brass Positive Grounding Device (PGD patent pending) on every tile covered every panel as standard equipment. A small detail solves a critical problem.

ASM's Laminate

with Platts Technology

Designed Specifically for Raised Access Floors in Conjunction with Platts Laminate Technologies.

High pressure plastic laminate is used in 90% of all computer room applications, and is the largest product used on factory laminated floor finishes. Laminate is a one piece tile (24" x 24"), and unlike vinyl, will provide a uniform finish with no joints. HPL has the advantage of not requiring wax or maintenance that could produce static problems in the data center.



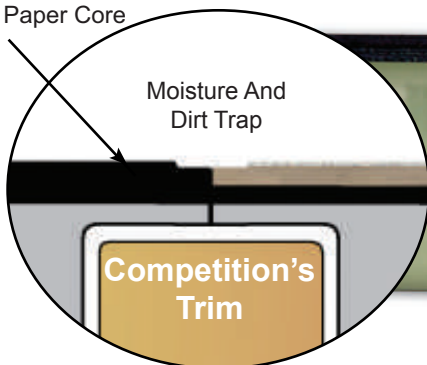
ASM Laminate Performance Specifications

Properties	NEMA Test Method	NEMA Standard	ASM Laminate Results
Electrical Resistance	NFPA 99	-	$1.0 \times 10^6 - 2.0 \times 10^{10}$
Stain Resistance	3.4	No effect	No effect
Boiling Water Resistance	3.5	No effect	No effect
High Temperature Resistance	3.6	Slight effect	No effect
Wear Resistance	3.13	3000 cycles(min.)	5000+
Scuff Resistance	3.16	No effect	No effect

Smart-Trim

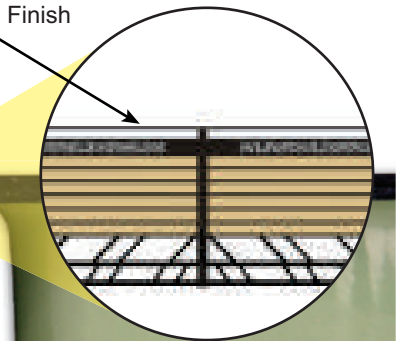
-  No dust
-  No Exposed Paper or Particles
-  Smooth Transition

Protective Overlay Surface Removed To Expose Paper Core



Perfectly Smooth Flush Joints

Seamless Laminate Finish



ASM Smart-Trim

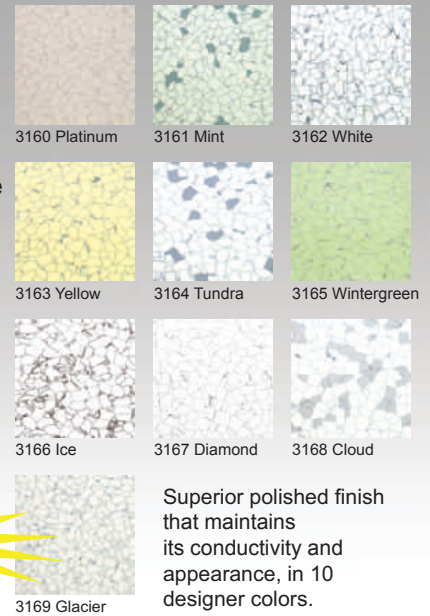
ASM's Vinyl Plastic Technologies

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The use of VPT conductive or static dissipative floor covering checks the influence of electrostatic charges in the sensitive work places. The effects of electrostatic influence is very serious, and many incidents include damage to integrated circuits in semiconductor production and loss of valuable data caused directly by a build up of static electricity.

Static discharge may also cause inadvertent ignition of inflammable and explosive substances. When two objects with electrostatic charge come into contact, electron movement occurs with electrification to positive and negative poles which are stationary at the points of mutual contact.

Direct action against these points will cause instantaneous electric discharge, resulting in product damage, pollution or malfunction. Both UL and NFPA strongly recommend the use of conductive floor coverings.



Superior polished finish that maintains its conductivity and appearance, in 10 designer colors.

ASM VPT Performance Specifications

Performance	Conductive	Static Dissipative
Resistance: point to ground	2.5×10^4 to $10^6 \Omega$	$10^6 \Omega$ to $10^8 \Omega$
Resistance: point to point	2.5×10^4 to $10^6 \Omega$	
Static Decay	5000 to 0 volts in < 0.01 sec	5000 to 0 volts in < 0.2 sec

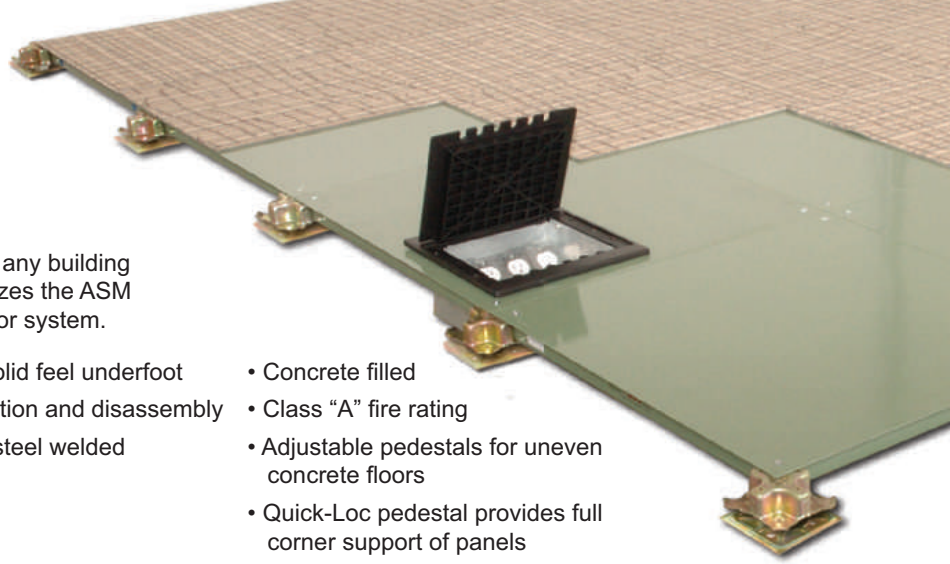
VPT sizes: 24 inch x 24 inch, 12 inch x 12 inch, 60 cm x 60 cm, 30 cm x 30 cm. Custom size if requested.

The Strongest Low Profile Systems In The Industry

Low Profile Wire Management System

The ASM low profile system is perfect for retrofits, or any building where low ceiling space is an issue. This system utilizes the ASM low profile pedestal (LPP) to achieve a low profile floor system.

- Adapts to spaces with low ceilings
- Threaded rod allows leveling of the floor, eliminating the need to level systems furniture
- Quiet and Solid feel underfoot
- Easy installation and disassembly
- 24"x 24" All steel welded construction
- Concrete filled
- Class "A" fire rating
- Adjustable pedestals for uneven concrete floors
- Quick-Loc pedestal provides full corner support of panels



ASM's Accessories

The ASM Smart-Box

Power, Voice and Data Box Constructed of a high grade galvanized steel frame 2 mm thick, with a virtually indestructible Lexan lid. The RFB100 box can be supplied empty for site installation of outlets or pre-wired with a customized variety of electrical, voice or data outlets to meet every requirement.



Boxes are UL approved and listed.

- Easy to install and very flexible. The RFB100 box is lightweight and can be used in any access flooring system.
- Easily installed into 8 3/4" square cut-out.
- 10 1/2" square mounting lid with insert for carpet finish.

Lifting Devices

ASM provides a variety of lifting devices, including double suction cup and airflow panel lifters - designed to make installations and alterations simple. They can be easily stored in Lifter Wall Mount Brackets.



Grommets & Trims

Grommets and trims allow for simple connection of electronics through clean and attractive cut-outs. The face of the grommet slides to provide for cable adjustment.

ASM's Seismic Braces

For those highest risk seismic projects, ASM offers one, two, three and four leg seismic braces that can easily be attached to any ASM pedestal for ultimate lateral support.



Smart-Air Diffuser

The ASM Smart-Air Diffuser is constructed of high impact polycarbonate/ABS complying with UL Standard 94-5V for flammability.



The ASM Smart-Air Diffuser is a low velocity air diffuser. Designed for use in an access floor system using the under floor area as a pressurized supply air plenum. The attractive turbine patterned face produces a low velocity helical discharge pattern that achieves a high induction rate of conditioned air, obtaining optimum circulation and human comfort conditions.

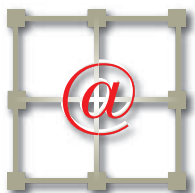
A unique control damper is operable from the surface without the use of tools or removal of the face to allow for personal area control of office climate.

Standard colors of black, grey and brown. Custom colors are available if quantities warrant.

The diffuser is mounted to the access floor panel by means of 3 adjustable permanently attached mounting clamps. Clamps are fastened from the top without removal of the access floor panel.

ASM's Smart-Air AD2002 Diffusers are manufactured to the same high standards of quality as other ASM products.

Engineered to help direct and distribute air flow where it is wanted, the Smart-Air Diffuser contributes to the maintenance of a comfortable work environment for employees. The Smart-Air Diffuser has been designed specifically for easy exchange and adjustment within the flooring system. This allows for optimal performance of mechanical systems and flexibility in creating a controlled room temperature.



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