

**ASM**  
innovations in access flooring

- Office Spaces
- Classrooms
- Casinos
- Call Centers

# You Can Help the Environment with Green Building Technology

## Innovations in Access Flooring



Total Quality Logistics  
100,000 sq. ft.  
ASM Quick-Loc  
ESW Intelligent  
Office Space



Helping you become  
**LEED** Certified



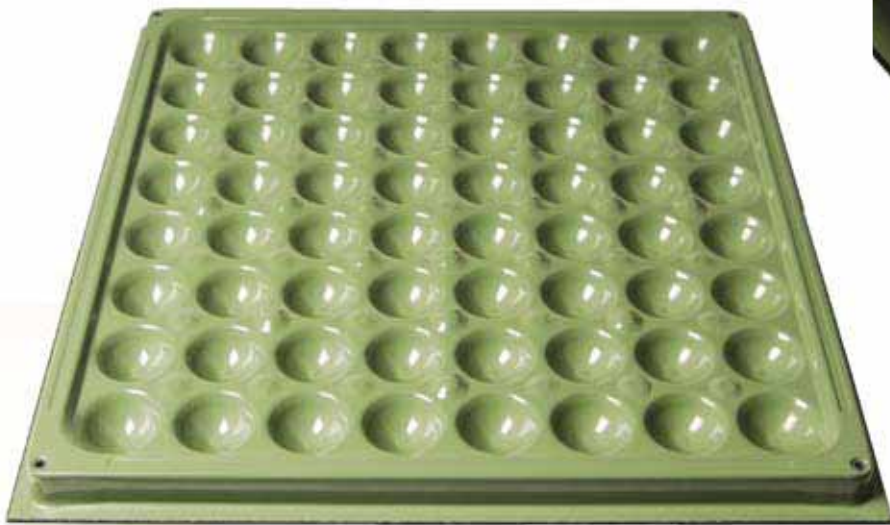
U.S.A. Design & Engineering  
U.S.A. Quality & Testing  
Global Vision

  
**Kingspan**<sup>®</sup>  
Group plc



## ASM's Enviro Panel:

Most widely used panel design in the world

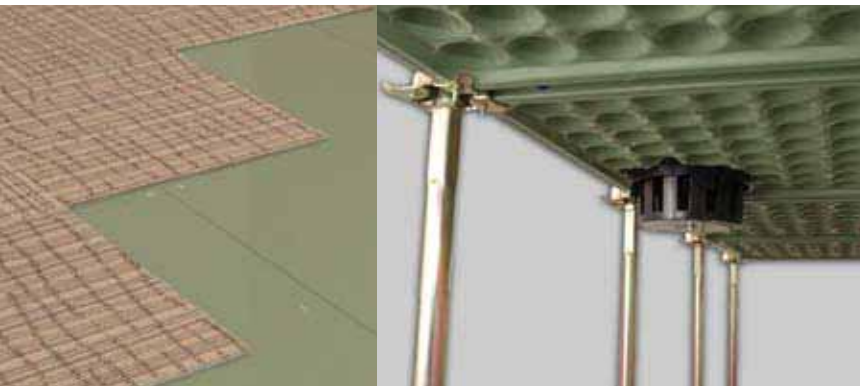


**ASM's High Strength  
Welded Steel  
Cement Filled Floor Panel**

## 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.

- Most widely used panel design in the world
- Full strong corner where it is needed most
- Rigorous performance testing



## Ultimate Load Capacity

The point of failure or collapse is the single most important indicator of performance. Be sure to look at ultimate load when selecting an access floor panel for your application.



ASM belongs to the Kingspan Group of companies. Kingspan Group PLC is a publicly traded company, specializing in the manufacture and sale of building materials and components. ASM specializes in the manufacture and sale of access floor systems designed and built for the North American market. Our ISO 9002 factory,

along with rigorous quality control systems and procedures, ensures ASM produces only the highest quality products. ASM is a long-standing member of CISCA.



# Dual Support Technology

**You Have To Walk On It  
To Believe It**

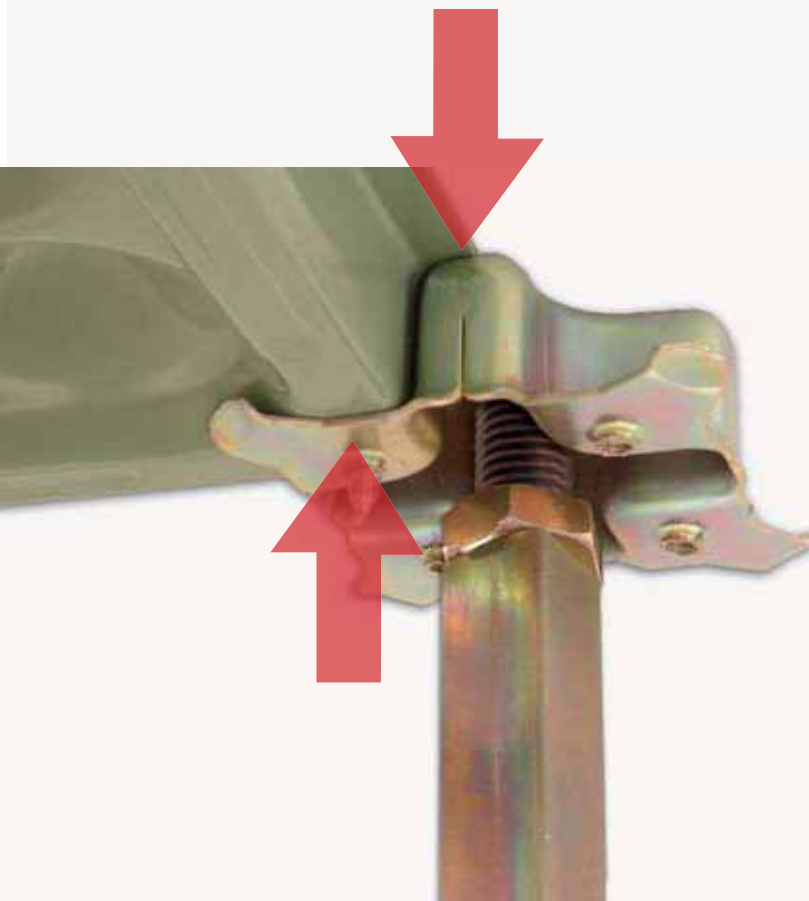
# ASM's Quick-Loc Support System (patent pending)

## 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



## The One And Only Dual Support System!

# FS-Series 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 gives the FS panel a quiet and solid feel underfoot. Panel systems are available in both 24" x 24" and 600mm x 600mm.



## General Office

This panel is extremely quiet. With its powder coated bare finish and low cost, it is always a great choice for your general office requirements.



## 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)

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 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.



The Ultimate Load is considered the single most important test in the CISCA series, as it indicates when panel failure occurs.

Designed in the US, developed in the US, for the US market, tested as per CISCA procedural requirements, using stringent US standards.

The performance charts shown indicate product performance when tested in accordance with CISCA test procedures.

## FAQ

**Is it the industry standard to advertise CISCA performance results only?**

No. You must check tables and charts and make certain it is clearly noted that results represented are according to CISCA test procedures. If there is no mention of CISCA, you can assume they do not test per CISCA procedures.

## 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)
S200	4500	(20.02)	1250	(5.56)	150	(0.67)	500	(2.22)	500	(2.22)
S300	5000	(22.24)	1500	(6.67)	150	(0.67)	600	(2.67)	600	(2.67)

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.

# MC125 Metal Clad Woodcore Systems

ASM Management is responsible for the design and initial production of the most famous and widely used woodcore system in the world.

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.

## Renovation Projects & New Construction

The woodcore panel's flexibility and light weight make it an excellent option for retro-fits as well as new construction.

## General Office

The woodcore panel's solid feel is quiet yet economical. An excellent rolling load and Class A flame spread rating make this a perfect choice for general office use.

## Computer Rooms

In addition to its light weight, a strong ultimate load capacity makes this a favorite for computer rooms.

## MC-Series Understructure

A variety of understructure options ranging from standard Bolt-Tite to heavy duty rigid grid will accommodate any type of flooring installation. All understructure is manufactured in our ISO 9002 facility.



 Class A flame spread rating

 Quiet

 Internally grounded

 Light Weight

## MC125-Series Performance Guide

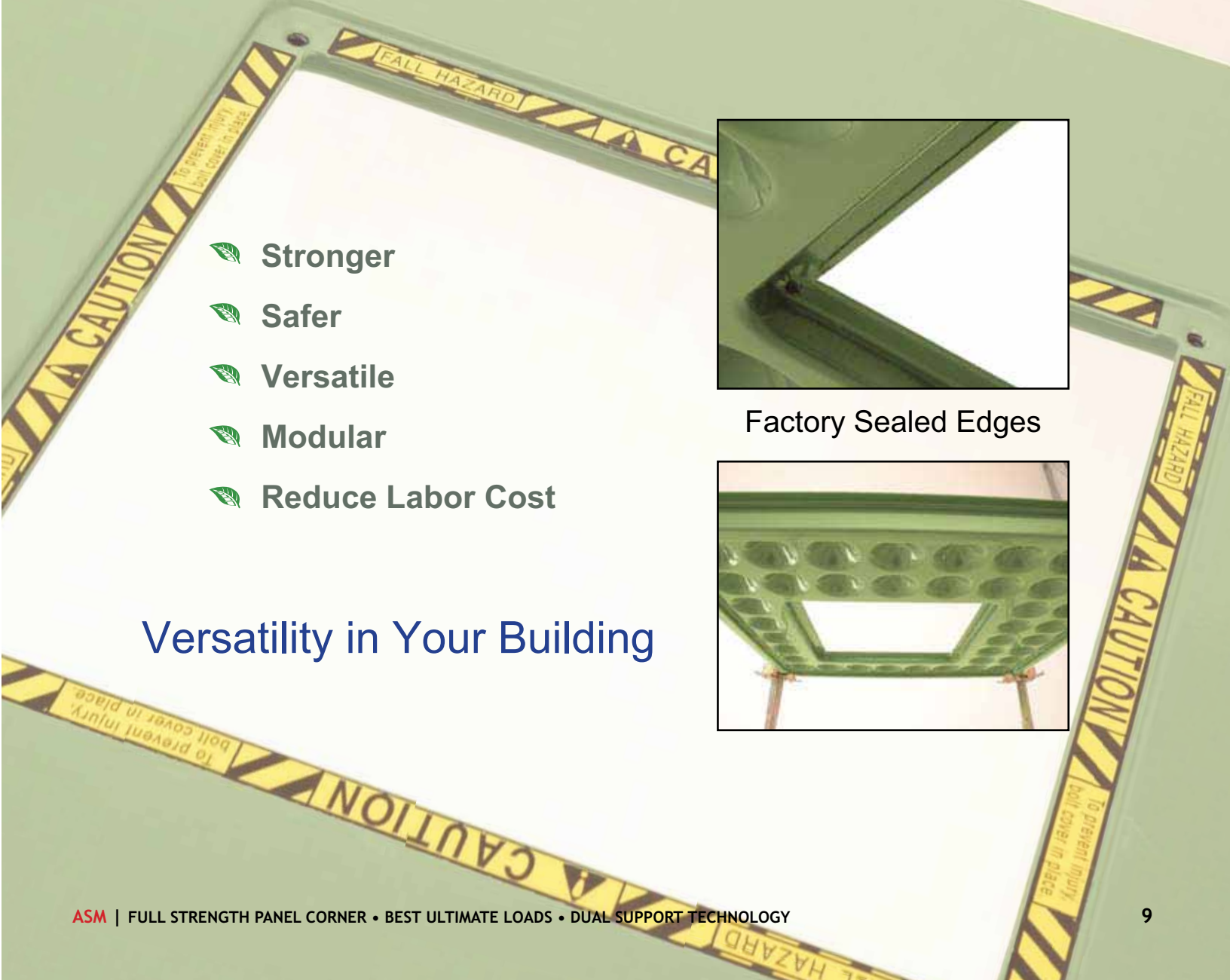
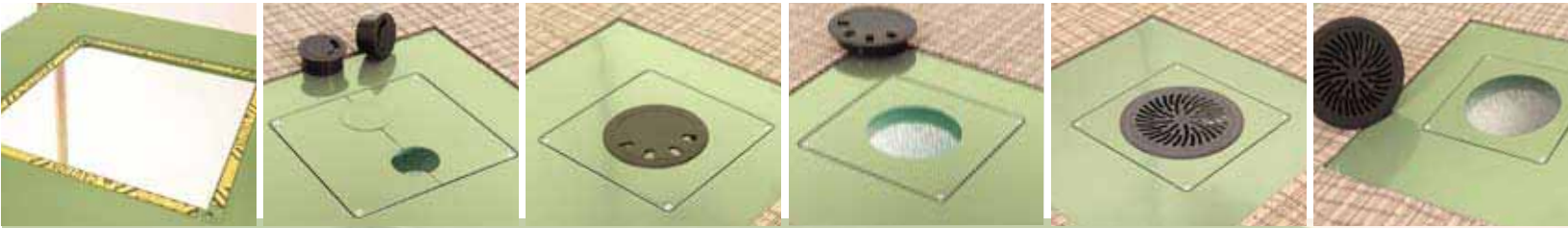
Panel	Ultimate Load		Concentrated Load		Impact Load		Rolling Load 10-Pass		Rolling Load 10,000-Pass	
	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)	lb.	(kN)
MC125	3000	(13.34)	1250	(5.56)	150	(0.67)	1000	(4.45)	800	(3.55)

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.



Designed To Be Stronger and Safer

# EASY Panel ACCESS



- Stronger
- Safer
- Versatile
- Modular
- Reduce Labor Cost



Factory Sealed Edges



Versatility in Your Building



## ASM's Understructure

ASM's superior finishes are effective and consistent, giving a bright and polished look with protective properties. All ASM's parts are dipped in a corrosion-resistant finish after stamping and welding, to protect welds and raw edges from rusting.

- 🌿 Versatile understructure for all types of installations
- 🌿 Electrical resistance of less than 10 ohms

### Is the sequence of processes significant in the manufacture of pedestal systems?

The sequence is critical: the dipping process completely protects welds and raw edges if it is done after welding and stamping.

## Atlas Seismic Pedestals

ASM offers the most comprehensive variety of pedestal types allowing for durable strength in any of zones 1 through 4. This full line of pedestals can further be strengthened by bolting them to the concrete slab for the most solid access flooring systems available.

ASM introduces its Atlas Pedestal Systems, designed for optimal heavy-duty support and for the most severe conditions. No other system compares for strength and simplicity.



# ESW<sup>TM</sup> environmental systems workplace



## Benefits For You Using An ESW

### Owner Occupied Benefits

- Save Up To 40% On Your Energy Costs
- Less Employee Sick Days
- Clean Air Environment For Your Employees
- Save Substantial Money On Your First And All Future Renovations
- Easily Move Employees & Departments Overnight

### Landlord & Developer Benefits

- Lower Turnover Construction Costs
- Lower Tenant Turnover Costs
- Increased Building/Asset Value
- Give Your Tenants The Best Working Environment

For more information, please see ASM's complete ESW brochure.



# What comprises an ESW System?

- Underfloor HVAC/UFAD System
- Electrical Distribution System
- Raised Access Floor System
- Modular Carpet Tile

For more information, please see ASM's complete ESW brochure.



# Electrical Distribution System



## The Most Flexible Plug & Play System on the Market Today

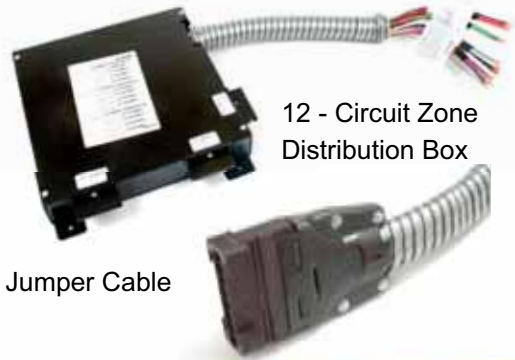
- Patented Modular Receptacles allow for easy adding of receptacles or change circuits at any time
- Oval profile on metal conduit to fit under low profile flooring with small turning radius and extreme durability
- Floor Boxes act as a distribution point with 1 in 3 out connection ports. Hook up wall outlets, power up furniture, or jump to other floor boxes.
- Patented terminal technology to reduce voltage drop at connection points

1 Electrical Panel or UPS

2

12 - Circuit Zone Distribution Box

3 Jumper Cable



## Contact an EDS & VDDS Specialist

Joe Norwood (843) 478-1896  
 fax (843) 971-1018  
 norwoodenterprises@msn.com

4

4 - Duplex Capacity Floor Box

5

Modular Receptacle



# Green Building Solutions UFAD Systems

**Richard Craig** is A Worldwide Expert Of Under Floor Air Distribution. Tens Of Millions Of Square Feet Designed And Built. An airtight supply air plenum is crucial to UFAD success.

## Contact an UFAD Specialist

Richard Craig (704) 489-1871  
 fax (704) 489-1871  
 richardgbs@bellsouth.net



1

Linear Air Grill



Tel. (843)534-1110 • Fax (843)534-1111 • www.asmproducts.com



**1** Equipment Rack



# HellermannTyton

## Voice and Data Distribution System

**2** Patch Panel



- Preterminated, Factory tested, bundled CAT 6 Network Cabling
- Reduces installation time by 85%
- 25 Year system warranty
- Solutions available in riser or plenum rated cable, shielded and fiber varieties

**3** RapidNet CAT6 CMP cassette to cassette 6-port loom



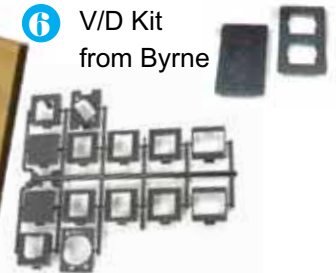
**4** Zone Box



**5** Patch Cord



**6** V/D Kit from Byrne



**2** Diffuser

### UFAD Features And Benefits:

- ✔ UFS Can Qualify For Up To 14 LEED Credits
- ✔ Save 35% To 50% On Your Electrical Bill
- ✔ Improves Occupant Comfort
- ✔ Improves Ventilation Rate
- ✔ Occupants Adjust His/Her Air Volume
- ✔ More Cost Effective Than Overhead Systems
- ✔ Eliminates 80% Or More Of The Required Ductwork Found In Overhead Systems
- ✔ Can Lower Slab To Slab Height 6"-12"/ floor.

Buildings Account For 60% Of Electricity Used In the USA.



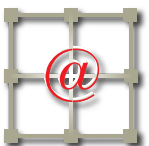
In addition to being the largest access flooring manufacturer in the world, the Kingspan group is a major manufacturer of an integrated range of products for the construction industry. The Group continues to innovate and improve on an existing product range, and have done so successfully for over 30 years. These innovations are clearly seen within Kingspan's emphasis on Modern Methods of Construction and importance on increasingly sustainable buildings.

The Group's companies have a presence around the world that is ever increasing.

**For more information about Kingspan please visit us at [www.kingspan.com](http://www.kingspan.com).**



## *Green Building Technology*



**ASM**  
innovations in access flooring

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