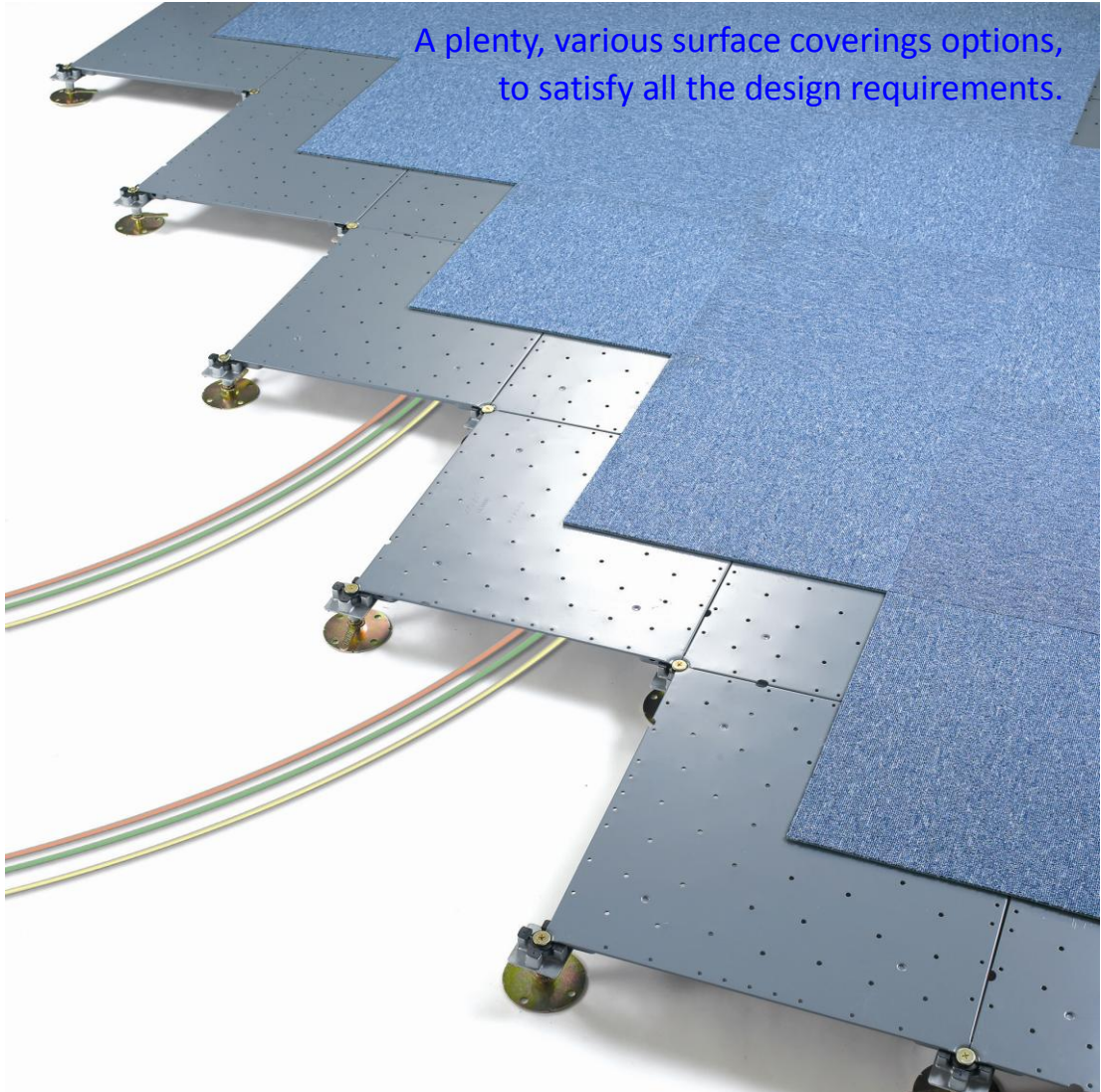


# ABOMB Raised Access Floor System

A plenty, various surface coverings options,  
to satisfy all the design requirements.

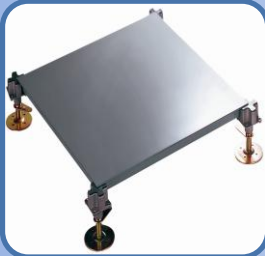
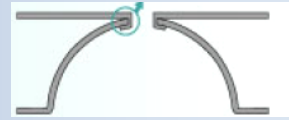


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[www.abomb-floor.com](http://www.abomb-floor.com)

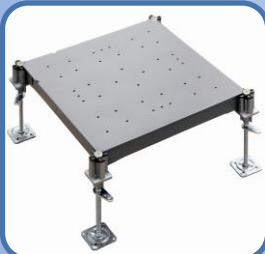
ISO-9001:2008 Certification

## PRODUCT- ACCESS FLOOR SYSTEMS



### FS-53

- Loading Property: 3000N/5000N
- Panel Thickness:28mm
- Weight:32kg/m<sup>2</sup> ~34kg/m<sup>2</sup>
- FFH: 60mm~200mm
- Surface material: HPL, PVC, Anti-static Tile or Carpet



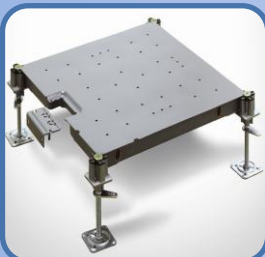
### FS-53F (Perforate, Shockproof)

- Loading Property:3000N/5000N
- Panel Thickness:28mm
- Weight: 32kg/m<sup>2</sup>~34kg/m<sup>2</sup>
- Shock proof design: one piont mounting that hold down four boards
- Surface Material:Carpet, PVC tile



### FK-3000 (Perforate, Shockproof, Evironment Friendly,)

- Loading Property: 3000N / 5000N
- Panel Thickness: 28mm
- Panel Weight:5.22kg/PC (3000N) , 7.5kg/PC (5000N)
- Shock proof design: one piont mounting that hold down four boards
- Surface Material: Carpet, PVC tile



### Cutout Panel (wire, cable management)

- \*Flexible to manage cable /wire.
- \*Panel maintains design load strength.

**Core Material:** Foam cement infill

**Top, Bottom Covering:** Steel sheet on hydrochloric phosphate membrane coating with epoxy powder coated, for anti-corrosion, rust


**Surface:** All steel with perforated, bare steel, or cover HPL, Carpet etc.

**Application:** Data Center, Call or Telecommunication center, Server Center, Intelligent Buildings, Power Plants, Banks.

### Feature Introduction

- \*Anti-Static
- \*Anti-dust, Resistant to burning cigarettes (CNS10678-A2171, chapter: 8.7.1 &8.7.2)
- \*Fire Certification: CNS14705 (2010) Class I
- \* Easily removable
- \* Quick accessibility
- \* Reliable performance
- \* Durable standards
- \* Easy-to-maintain
- \* Automated Production to ensure the Quality stability

### Special Feature:

- \*Shockproof: One-point mounting that holds down four boards, with shockproof index rated at 1.0G
- \* Green design  , 100% recycle, reusable.

Technical Specification: (JIS A 1450-2003 testing methods)

Model	Type	Specification	Concentrated Load			Ultimate Load(N)	Impact Load(N)	Flammability
			LB	N	KG			
FS-53 & FS-53F & FK-3000	300	C500mm*W500mm *H35mm	660	3000	306	>=6000	>=6000	Non-combustible
	500		1120	5000	510	>=10000	>=10000	Non-combustible

\*1000N around 102 kgf \* Jafa : Japan Access Floor Association

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## Loading Reliability & Safety Test

### Surface Abrasion Test

- refer to CNS11367 criterion



### Impact Test

-Use 0.5kg steel ellipsoid,  
falling down from 1M height

### Impact Test

-use 75kg sand bag (bottom Dia.22cm),  
falling down test from 0.5m height



### Concentrate Load Test

- refer to CNS10678-A2171 criterion

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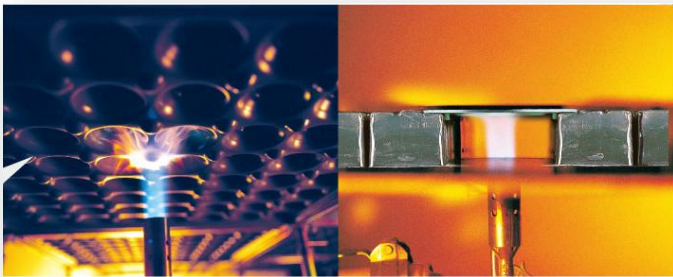
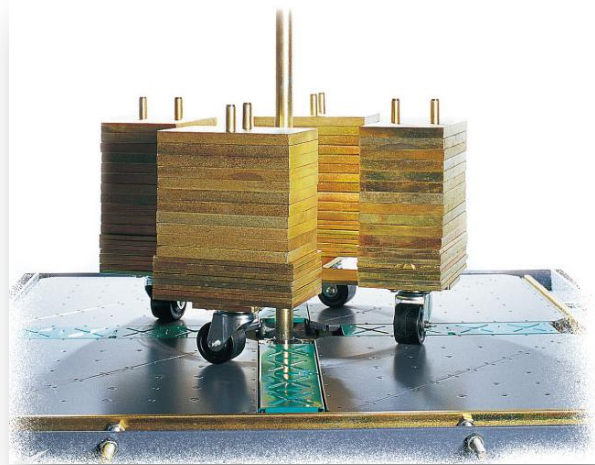
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### Rolling Load Test

-simulate 10years usage in Office.

1. Use the 200kg load trolley in 500,000 times (back and forth)
2. Use 80kg load office chair in 1,000,000 times (back and forth)



### Fire-Protection Test

-refer to CNS-7614-A3125 ,  
Anti-Flammability Class I, 120sec

### Seismic Test

- Test by the Spectrum shock meter which is designed for shockproof of NUCLEAR PLANT.
- Result as one-point mounting that holds down four boards, with shockproof index rated at 1.0G



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