



TECHNICAL FLOORING SOLUTIONS



Sy-G® specializes in high quality technical flooring solutions that easily adapt to different types of applications.

Working environments change as rapidly as technology evolves, demanding flexible design, fit for future needs and scalable growth.

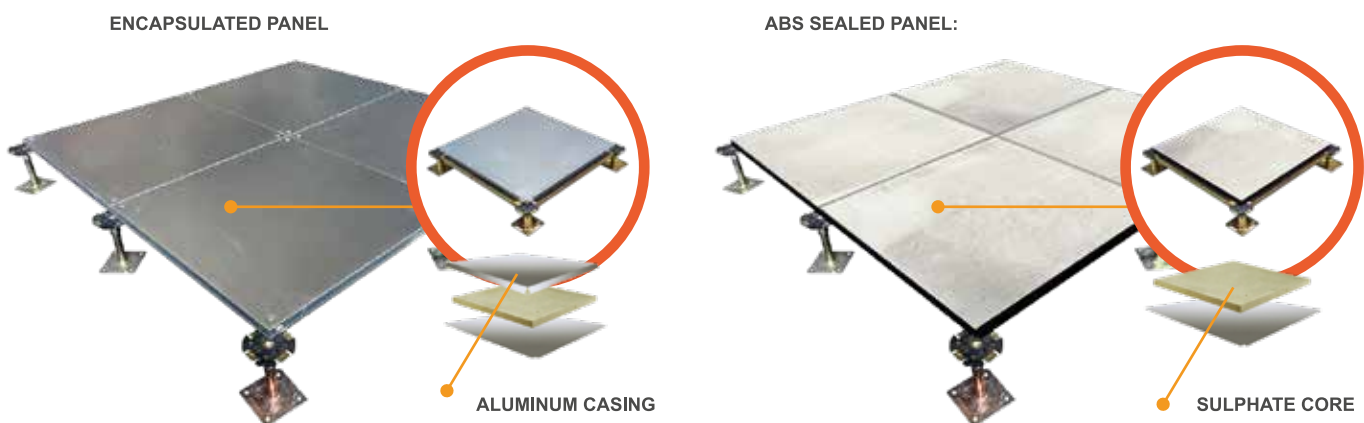


Flexibility, modularity and security

World-class technical flooring solutions specially designed to achieve flexibility, modularity and security. **Sy-G®** offers a complete range of solutions, as well as a suite of accessories for maximum performance.

▶ CALCIUM SULPHATE TECHNICAL FLOORING SYSTEMS

The technical flooring system incorporates the calcium sulphate panels and the understructure that supports the panels. The system creates an underfloor plenum for cabling, wiring and ventilation.



▶ CALCIUM SULPHATE PANELS

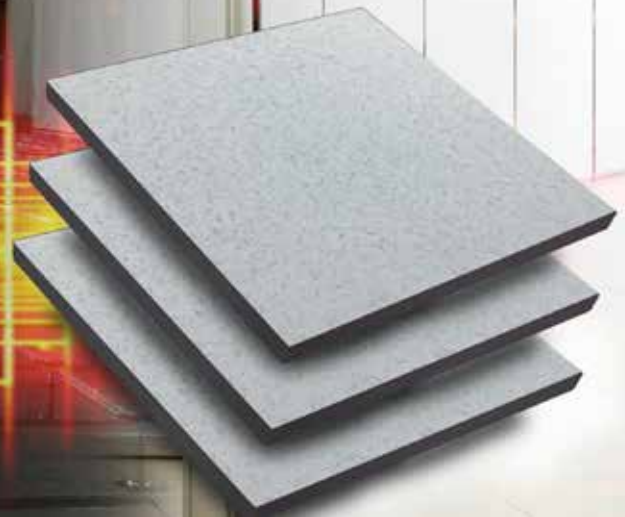
FEATURES:

- Encapsulated panel: Aluminum casing with high density fiber calcium sulphate core
- ABS Sealed Panel: High density fiber calcium sulphate core, high quality galvanized steel / aluminum foil bottom, four sides with conductive ABS edging
- Easy to interchange with other types of panels
- Pedestals can be adjusted to different heights
- The panel systems are available in both metric standard (600 mm x 600 mm) and imperial standard (24" x 24")

BENEFITS:

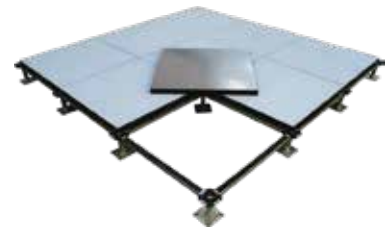
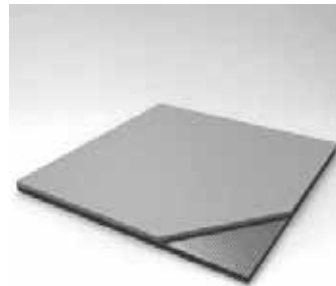
- Environmentally friendly and recyclable
- High-strength panels for intensive loads
- Excellent mechanical properties
- Waterproof, fireproof (Class 0), and rot-proof
- Acoustic absorption
- Reduced sensitivity to humidity and temperature
- Outstanding antistatic performance
- Good sealing
- Elegant appearance
- Easy to maintain and clean

Elegant appearance



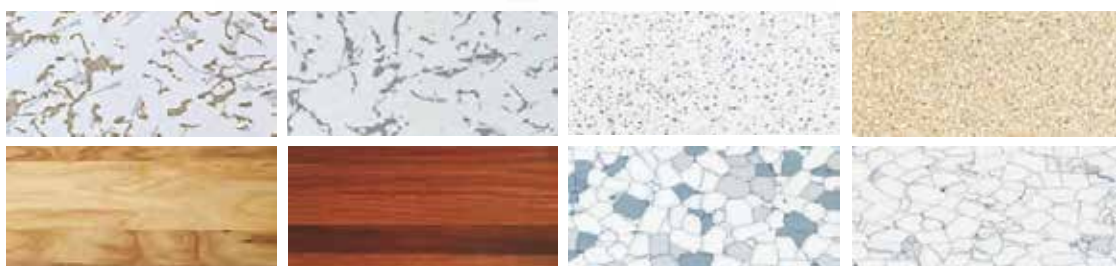
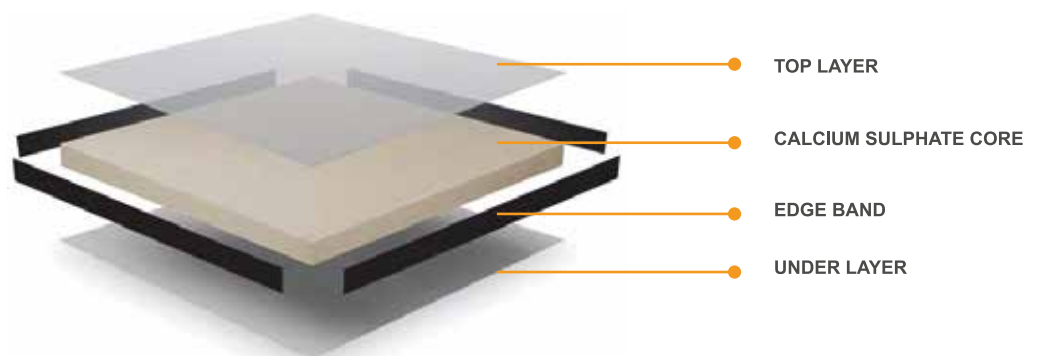
APPLICATIONS:

- General Offices
- Universities and Schools
- Libraries
- Banks
- Hotels
- Datacenter Applications
- Computer Rooms
- Communication and Control Rooms



Floor Panel – Top Coverings:

- Bare
- HPL/PVC finish
- Linoleum finish
- Ceramic finish
- Marble/Granite finish
- Carpet finish



Excellent mechanical properties

TECHNICAL SPECIFICATIONS:



FIREPROOF



WATERPROOF



ENVIRONMENTALLY FRIENDLY

CALCIUM SULPHATE SERIES

Type	Concentrated Load			Impact Load	Ultimate Load	Uniform Load	Rolling Load		
	International	N	Kgf				lbf	N	N/m ²
GACS1000Z		≥4498	≥2224	≥1011.19	670	≥13494	≥23294	3596	2959
GACS1200Z		≥5595	≥2767	≥1257.80	670	≥16797	≥33084	4498	3596

STRINGER

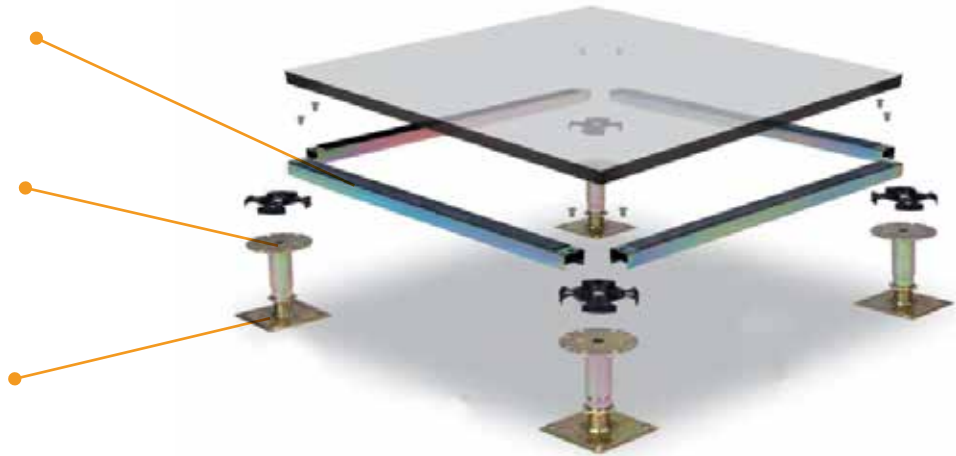
Steel tube performed stringer with plastic gasket on top provide best support to the structural system with limited air leakage and outstanding acoustic performance.

HEAD GASKET

Plastic conductive material with sound proofing and sealing functions, equipped with tabs for the positioning of panels.

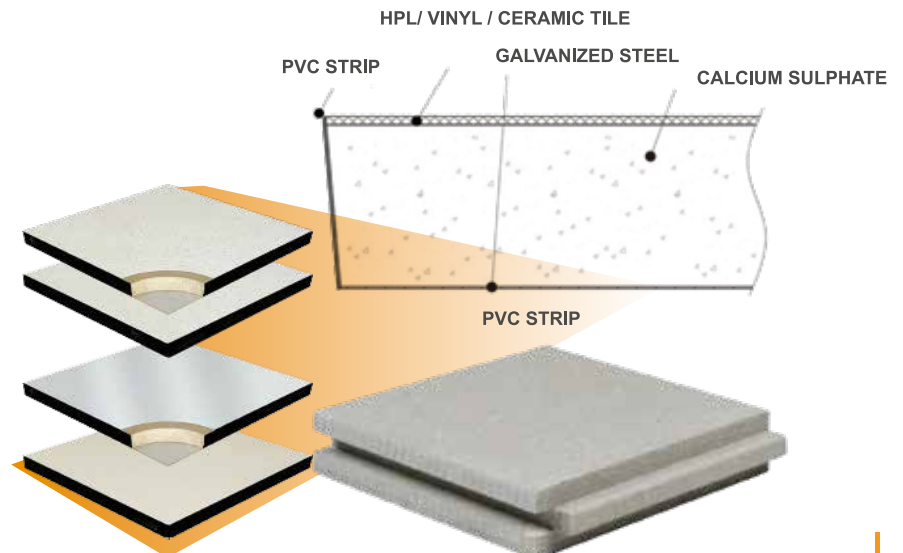
STANDARD PEDESTAL

Plastic conductive material with sound proofing and sealing functions, equipped with tabs for the positioning of panels.



CERTIFICATIONS:

- EN12825 dimension tolerance: 1
- EN13501: Class A1
- EN1366-6 fire rating: 2hours
- ASTM E492-09: IIC55
- ASTM E283-04 25Pa: ≤0.3L/s.m²
- NIOSH9002: Asbestos-free
- QBIT 2591-2003: Antibacterial
- LEED assessment report available





SY-G®

Empowering New Frontiers™

www.sy-g.com