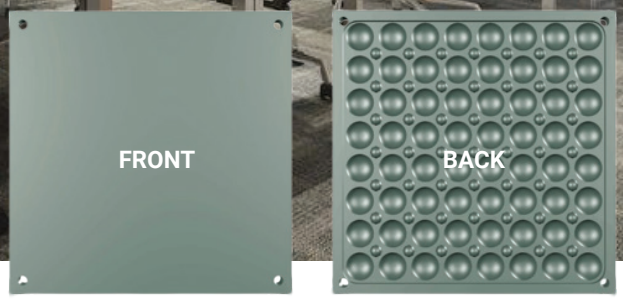
nordinfini

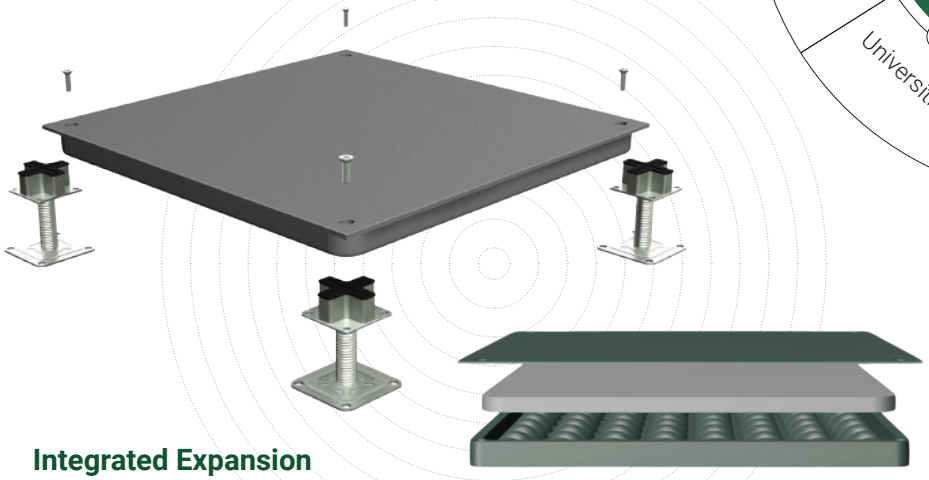
NSTEELCEMENT SERIES

The nSteelCement series stands as the most versatile offering in our product lineup. Crafted from steel sheets welded to a formed steel bottom pan, these panels are filled with lightweight cement, completely encased within the steel-welded shell, and shielded with an anti-corrosion coating. This system is designed for effortless installation and can be easily removed, providing the full functionality of an access flooring system.

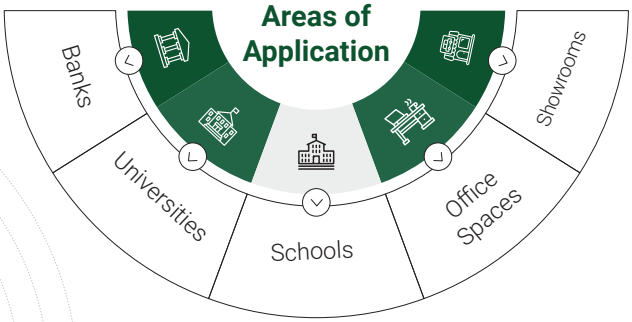


Suitable covering

Carpet | Vinyl | LVT



Areas of Application



Panel Construction Data

SIZE	600mm x 600mm
DEPTH	33mm
WEIGHT	15-20KG
CORE	Cementitious Compound

Integrated Expansion Gasket in the Pedestal

The system incorporates a unique expansion gasket which effectively eliminates any squeeky noise resulting from panel-to-panel contact by creating a minimal yet effective gap to prevent contact or overlapping of panels

Four Corner Screw Panel

Each corner of the panel is equipped with screw holes, allowing for individual screw fixation. This not only enhances rigidity but also facilitates quicker and easier access.

Quick Installation

Both the panel and pedestal are meticulously engineered to ensure straightforward and precise installation, eliminating any wobbling or subpar installations.

CONSTRUCTION

These panels comprise a toughened steel sheet on both the top and bottom, featuring corrosion-resistant coatings inside and out. They encase a structural core made of cementitious material.

Panel	Panel size	600x600mm
	Bare panel thickness	33mm
	Bare panel weight	Approx 13-20kg
	FFH,finish floor height	80-2000mm
Surface	Squareness	0.75mm max.
	Flatness	Diagonal 1.0mm max., edge 0.6mm max.
	Twist	1.0mm max.
Fire Resistance	ASTM E136-11/ BS476-4	non combustible
	ASTM E84-14	Class A
	EN 13501	Class AI
Acoustic	ASTM E492-09	Calculated impact insulation class: IIC 58

Load Characteristics

Model	Concentrated Load	Impact Load	Ultimate Load	Uniform Load	Rolling Load 10 Passes	Rolling Load 10,000 Passes
SC370	3.7kN	0.67	10.8kN	19.8	3.0kN	2.2kN
SC450	4.5kN	0.67	13.5kN	23.3kN	3.6kN	3.0kN
SC560	5.6kN	0.67	16.8kN	33.1kN	4.5kN	3.6kN
SC680	6.8kN	0.67	20.1kN	42.6kN	5.6kN	4.5kN
SC890	8.9kN	0.67	26.7kN	49.9kN	6.7kN	5.6kN
SC1110	11.1kN	0.67	33.3kN	58.3kN	8.9kN	6.7kN

PEDESTAL

Cross Head Pedestal

Galvanized Steel

FFH: 80-2000mm



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