



SteelCrete Access Floor For UFAD

Product Guide

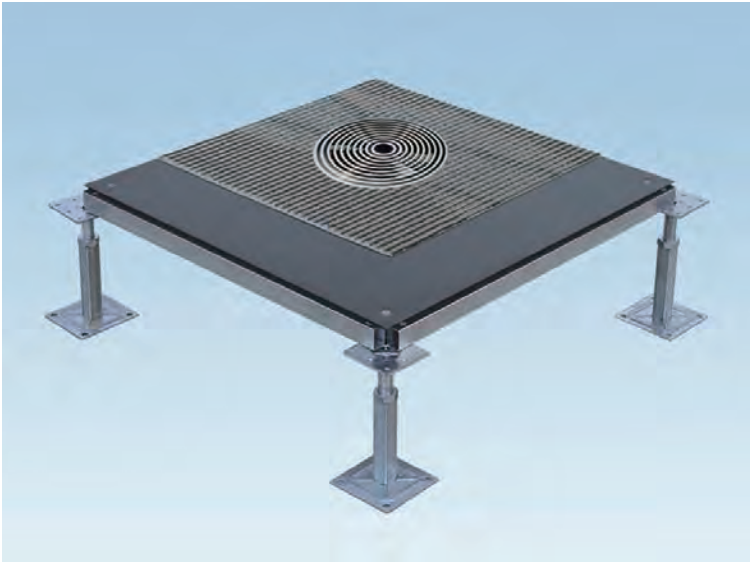
SteelCrete Access Floor for Underfloor Air Distribution



■ Underfloor Air Distribution systems are a general class of air distribution systems that deliver air through diffusers in the raised access floor, with the intent of maintaining comfort and indoor air quality levels only in the occupied lower portion of space.

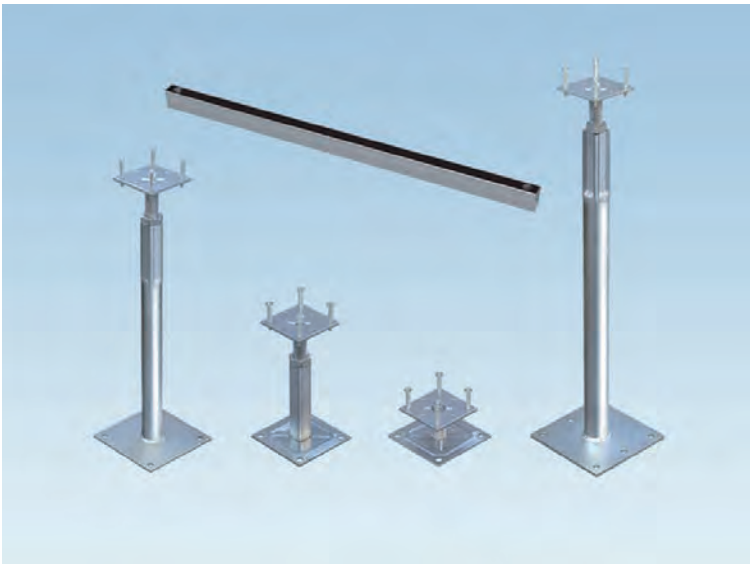
Bare Finished SteelCrete Access Floor Performance Chart

General Information				Static Loads			Rolling Loads		Impact Loads
SteelCrete Panel	Top/Bottom Steel	Understructure	System Weight	Concentrated Loads	Ultimate Loads	Uniform Loads	10 Passes	10,000 Passes	
SC800B	0.7/0.7mm	Bolted Stringer	9.2lbs/ft² 44kg/m²	800lbs 363kg	2400lbs 1089kg	300lbs/ft² 14.35kPa	600lbs 272kg	500lbs 226kg	150lbs 68kg
SC1000B	0.8/0.8mm	Bolted Stringer	9.8lbs/ft² 47kg/m²	1000lbs 454kg	3000lbs 1363kg	350lbs/ft² 16.75kPa	800lbs 363kg	600lbs 272kg	150lbs 68kg
SC1250B	0.8/1.0mm	Bolted Stringer	10.4lbs/ft² 50kg/m²	1250lbs 567kg	3750lbs 1701kg	400lbs/ft² 19.1kPa	1000lbs 454kg	800lbs 363kg	150lbs 68kg



Bare Finished SteelCrete Panel + Bolted Stringer System

- Dimension: 600mm x 600mm or 24" x 24".
- SteelCrete panel grades: SC800, SC1000, SC1250.



Bolted Stringer System

- Finished floor heights: 150mm ~ 1200mm.
- PVC taped rectangular stringer provides excellent loading and air-tightness performance.
- SteelCrete Access Floor is Zinc Whisker Free.



TROX® Floor Diffuser

- TROX® floor diffusers type FB can provide comfortable and energy efficient air discharge into the space, by complimenting existing upward convection streams present in the occupied zone. This principle allows the local heat loads to be targeted directly.
- TROX® floor diffusers type FB can be used with SteelCrete Access Floors for Underfloor Air Distribution applications.



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