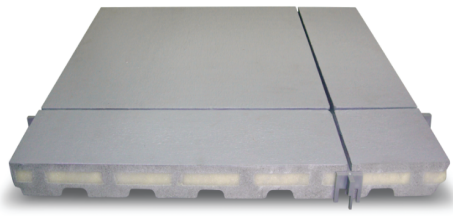
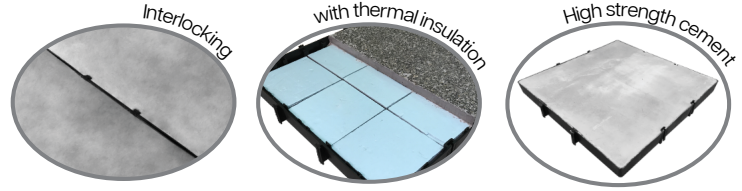


Insu® Slab Series



Insu® Slab 500

Insu® Slab is a lightweight, prefabricated composite roof slab made of high-strength cement and a polyurethane foam core. It provides thermal insulation, protects waterproofing membranes, allows water drainage, and supports foot traffic.



APPLICATIONS:

- Concrete roof decks
- Thermal insulation for roofs
- Protection of waterproofing membranes

BENEFITS:

- Excellent thermal insulation
- Built-in water drainage
- Protects underlying waterproofing
- Lightweight and foot trafficable

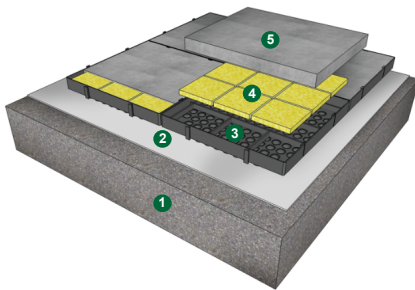
APPLICATION WITH:



Spacer

A cross-shaped recycled plastic accessory for aligning Insu® Slabs during installation.

MultiTray™ is a modular tray made from 100% recycled polypropylene, serving as the base for Insu® Slab 500 Plus and Insu® Slab 500 HD. Featuring 87 integrated pedestals, it elevates pre-composite cast slabs to promote efficient drainage and minimise water build-up.

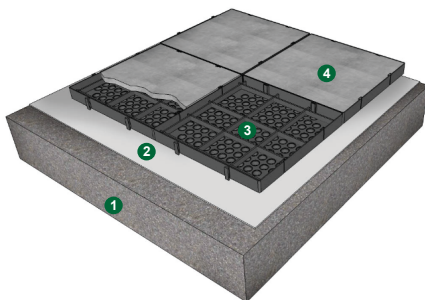


Insu® Slab 500 Plus System

- (1) Roof Slab
- (2) Root-Resistant Waterproofing Membrane
- (3) Multitray™
- (4) Polystyrene foam core
- (5) High strength cement

APPLICATIONS:

- Green roofs
- Roof protection and insulation
- Maintenance walkways
- Raised floor decking



Insu® Slab 500 HD System

- (1) Roof Slab
- (2) Root-Resistant Waterproofing Membrane
- (3) Multitray™
- (4) High strength cement

BENEFITS:

- Efficient drainage
- Lightweight and durable
- Recycled material

Tech Specs		UOM	Insu® Slab 500	Insu® Slab 500 Plus	Insu® Slab 500 HD
SEC Green Label			Yes	Yes	Yes
SGBC Green Product			✓✓✓	✓✓✓	✓✓✓
Material			Hi-Strength Mortar Insu® Foam	Hi-Strength Mortar Insu® Foam Multitray™	Hi-Strength Mortar Insu® Felt Multitray™
Finish:	Standard		Cement	Cement	Cement
	Enquiry		Other Finishes	Other Finishes	Other Finishes
Panel Size:	Height	mm	50	70	70
	Width	mm	500	500	500
	Length	mm	500	500	500
Weight per piece		kg	15	14.1	15
Compressive Strength		tonnes _f /m ²	248.4	46.7	145.9
Thermal Conductivity		W/m. °K	0.02587		

SEC = Singapore Environment Council

SGBC = Singapore Green Building Council