

Eco Slabs

Versatile ground protection system for temporary or permanent use

Specifications

Outer width	18 $\frac{1}{8}$ "
Inner width	15 $\frac{3}{4}$ "
Height	1 $\frac{5}{8}$ "
Weight per slab	3.75 lbs
Coverage per slab	1.5 ft ²
Slabs per pallet	354
Coverage per pallet	531 ft ²
Material	100% recycled plastic
Connection	Interlocking hooks
Color	Gray or brown

Key facts

- For temporary ground protection at open-air events, exhibitions or fairs
- Strong enough for permanent use in areas like driveways and parking lots
- Lightweight and simple to use
- Quick to install and easy to dismantle
- Can bear loads of up to 100 t/ft²
- Tough, durable and weatherproof
- Can be stored outdoors
- Secure interlocking system
- Choice of closed or slotted versions

Hexagonal design

Quick and easy to install on irregular shapes and areas.

Load capacity

Strong enough for SLW 60 heavy duty vehicle use.

Slip-resistant

Safety-conscious surface design for indoor or outdoor events.

Slotted or closed

For outdoor or indoor drainage and ventilation.

Built-in stability

Strong interlocking system provides a secure fit.



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Strength testing

Eco Slab can be used indoors or outdoors for temporary or permanent installations. Independent load-bearing tests show that Eco Slab can take the weight of even SLW 60 heavy duty vehicles, depending on the ground below.

Eco Slab type	Test load	Crack detention	Breaking force
Closed	427 psi / 27 t/ft ²	None	100 t/ft ²
Slotted	285 psi / 18 t/ft ²	None	67 t/ft ²

Temporary applications

Eco Slab is quick to install, easy to dismantle and ideal for events like exhibitions, shows and fairs.

Lay Eco Slab directly onto firm, stable and level ground or flooring and use immediately. If the ground is soggy grass or soft soil, install a roll out geogrid between the ground and Eco Slab. If the ground is very soft and boggy, Eco Slab is not recommended without further ground preparation. Contact hanit for advice.

Permanent applications

Eco Slab is strong, durable and perfect for permanent applications like drive ways and amenity areas.

Step 1

Install an edge or curb to prevent movement of bedding materials. Make sure that the ground is strong enough to bear the expected loads. If not, lay 4–6" of free-draining compacted and levelled stone.

Step 2

Cover the sub-base with a non-woven needle-punched geotextile layer (with 6" overlaps) to keep the sub-base and bedding layer separate. Install, compact and level a 1" bedding layer of sharp sand or grit.

Step 3

Start from the edge or curb and install Eco Slab onto the bedding layer. Make sure the interconnecting hooks fit securely beneath each slab. Due to the hexagonal shape, a straight edge leaves a half slab gap – Eco Slab is easy to cut with a circular saw or standard woodworking tools (for tricky areas, avoid cutting to less than a third of a slab).

Work outwards from this first line, clicking further slabs together until the area is covered. An expansion gap of 1–2 cm / $\frac{3}{8}$ – $\frac{3}{4}$ " should be left between the Eco Slabs and the border/curb. For immediate use, bed the new paved area down with a nylon covered plate vibrator.



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