



Decoland Concrete Grass

Decorative



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Decoland Decorative Concrete Grass

Mold for Concrete and Grass is easy to install and handle on site. It can be cut to size using a disc grinder / cutter or hot blade. The cut pieces can be installed along with the whole pieces avoiding product waste.

On the base of the Mold there is a spacer which is used to support reinforcement steel mesh at a fixed height during the concrete casting. Changing the strength type of the concrete (Rck) and the diameter of the steel wire mesh, makes the installation of Mold for concrete and Grass suitable to create an external floor resistant to various overloads.

Technical Specifications*

GENERAL

Material	: Recycled Polyethylene
Surface with grass (self-draining)	: 32%
Support surface	: 0.43 m ² /m ²
Volume of concrete	: 0.044 m ³ /m ²
Volume of ground	: 0.035 m ³ /m ²
Color	: Black

PHYSICAL DATA

Dimensions	: 600 x 600 x 80 mm.
Pieces per m ²	: 3 = 1.08 m ²
Dimension Tolerance	: +/- 5 %

* In favor of product improvements, specifications may change without prior notice.

Applications:

- 🌿 Building public & private car parks & parking spaces, commercial, sporting, educational & industrial,
- 🌿 Public, residential & commercial driveways,
- 🌿 Used at the border of train rails & bus ways.
- 🌿 Used along roadside as verges.
- 🌿 Walkways, small paths, courtyards, squares, outdoor landscaping.
- 🌿 Alfresco living areas – BBQ & patio.
- 🌿 Stabilization of canals and banks.
- 🌿 Helipads and caravan parks.

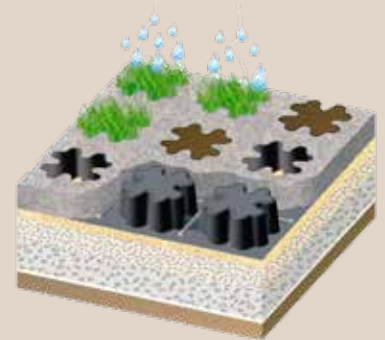


Table outlining thickness of the foundations in cm (min. 10 cm)

Allowed loading of the ground for the laying [kg/cm ²]	Cars and light trucks	Medium and heavy trucks	Trailer and articulated trucks*
	AXLE 2	AXLE 2	AXLE 3+2
	Loading per AXLE Max 2 tons	Loading per AXLE From 2 tons to 10 tons	Loading per AXLE Max 20 tons
	Wire mesh cm. 20x20 Ø 6 mm	Wire mesh cm. 20x20 Ø 6 mm	Wire mesh cm. 20x20 Ø 8 mm
0.5	Foundation 10 cm	Foundation 55 cm	Foundation 95 cm
0.8	Foundation 10 cm	Foundation 35 cm	Foundation 70 cm
1.0	Foundation 10 cm	Foundation 25 cm	Foundation 55 cm
1.3	Foundation 10 cm	Foundation 18 cm	Foundation 45 cm
1.5	Foundation 10 cm	Foundation 12 cm	Foundation 36 cm
2.0	Foundation 10 cm	Foundation 10 cm	Foundation 25 cm

*With Ref. D.M. LL.PP. 4 May 1990

The base surface is to be made up of stabilized, well-leveled, rolled and compacted crushed stone.

Suggested features of the concrete $R_{ck} \geq 250 \text{ Kg/cm}^2$

NOTE: Using suitable additives as glass or metallic fibers, it is possible to help along the resistance and compactness of the cast.



Installation

1. Prepare a well-levelled, rolled and compacted rubble base, suitable for vehicular traffic. Dependent on your soil type this may vary in depth,
2. Over the rubble base spread a layer of fine sand, like the consistency of concrete sand, well levelled to a depth of 3 cm as the bedding layer for the Mold,
3. Lay Mold for Concrete and Grass pieces side by side and not overlapped,
4. Lay the steel mesh 20 x 20 cm, place it on the appropriate supports,
5. Concrete is cast, level with the top of the Molds,
6. Once set, the tops the Mold are punched through and cleaned,
7. Empty spaces are filled with organic soil and seeded or alternatively filled with gravel.



Important Tips

- Special Concrete Finishing Shoes are to be worn during the laying and casting process.
- Use suitable technical joints in the two directions approx. every 4 – 4.5 m.
- Molds should not be exposed to the sun for an extended period of time.
- Pieces of Mold must be stores in the vertical position for a long period of time.

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