



MOULD FOR CONCRETE AND GRASS – CE08

Mould for Concrete and Grass – CE 08 is used to create a permeable surface of reinforced concrete that is practical, environmental and visually appealing. The empty spaces created within the compact shape of the mould provide for the optimal combination of concrete and natural grass, making it the ideal product for large expanses such as driveways, car parks and pavement areas.



ADVANTAGES

- **LOAD BEARING** – Withstands heavy loads with the required sub-base design.
- **COST EFFECTIVE** – Reduced the amount of concrete required.
- **FUNCTIONAL** – Reinforced concrete minimises movement to soil swelling.
- **PERMEABLE** – Provides natural cavities for water drainage.
- **AESTHETIC** – Creates opportunities for greening infrastructure.
- **ECOLOGICAL** – Manufactured from recycled materials.



LAYING



MOULDS ARE POSITIONED ONTO THE PREPARED SURFACE



WIRE MESH IS PLACED ON THE SUPPORTS WITHIN THE MOULDS



CONCRETE IS CAST, LEVEL WITH THE TOP OF THE MOULDS



ONCE SET, THE TOPS OF THE MOULD ARE PUNCHED THROUGH AND CLEANED



EMPTY SPACES ARE FILLED WITH ORGANIC SOIL AND SEEDED



ATTRACTIVE, PERMEABLE SURFACE IS READY FOR USE

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; Moulds should not be exposed to the sun for an extended period of time.

RANGE OF USES

- Building Car Parks & Parking spaces – public, private, commercial, sporting, educational & industrial.
- Driveways – public, residential & commercial.
- Used at the border of train rails and bus ways.
- Used along roadside as verges.
- Walkways, small paths, courtyards, squares, o utdoor landscaping.
- Alfresco living areas – BBQ & patio.
- Stabilization of canals and banks.
- Helipads and Caravan Parks.

TABLE OUTLINING THICKNESS OF THE FOUNDATION 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 TRUCK AND ARTICULATED TRUCKS *
	Axle 2	Axle 2	Axle 3+2
	Loading per axle max 2 tons	Loading per axle from 2 tons a 10 tons	Loading per axle max 20 tons
	Wire mesh 20x20cm, Ø 6 mm	Wire mesh 20x20cm, Ø 6 mm	Wire mesh 20x20cm, 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 foundations have to be realized with a layer consisting stabilized, well-levelled, rolled and compacted crushed stone.

SUGGESTED FEATURES OF THE CONCRETE	RcK $\geq$ 250 Kg/cm ²
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NOTE : Using suitable additives as glass or metallic fibres, it is possible to help along the resistance and compactness of the cast.

TECHNICAL SPECIFICATIONS OF THE MOULD FOR CONCRETE AND GRASS – CE08

MATERIAL	Recycled polystyrene plastic – PS 06
DIMENSION	60 x 60 x 8 cm
SURFACE WITH GRASS (self-drainage)	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
DISTANCING FOR THE MESH	H 2 cm