

BIOMODULO – Composting

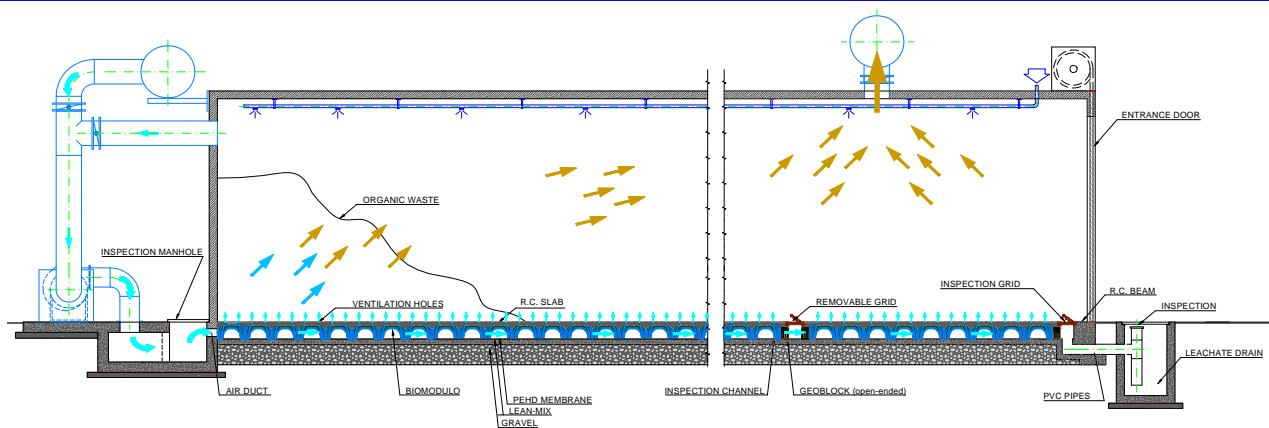
PERFORATED FLOORS FOR AIR DISTRIBUTION AND DIFFUSION

BIOMODULO

A perforated floor built with BIOMODULO guarantees a homogeneous air distribution which makes it very efficient in the aerobic stabilisation and composting of organic waste of domestic or agro-food industry. The structure created by BIOMODULO has a high load-bearing capacity, which makes it possible to operate heavy vehicles over it. Leachate can be collected under the slab, inspection and maintenance drains can be easily inserted in the slab.

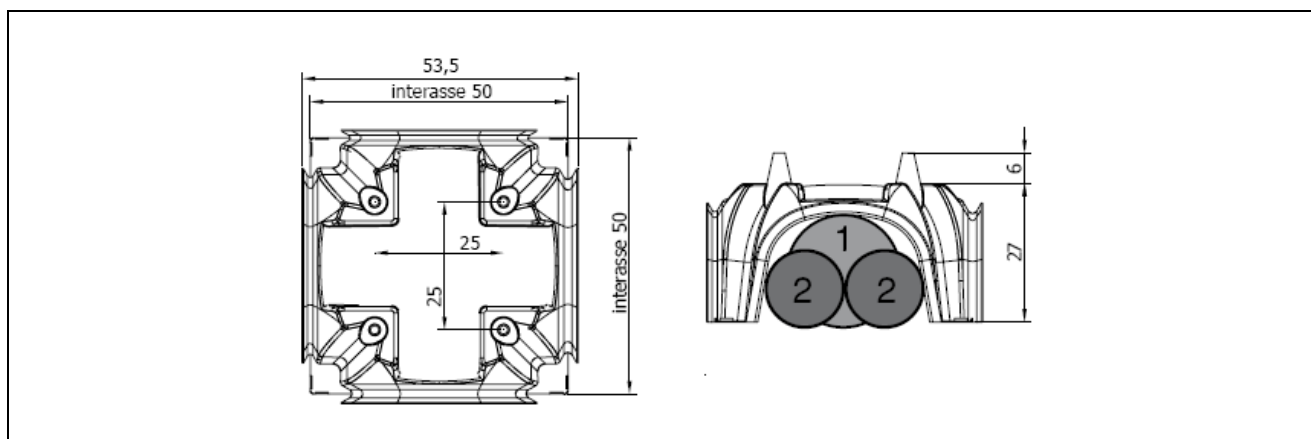
Advantages

- easy and fast to install
- high load-bearing capacity
- cost-effective and easy maintenance;
- leachate can be collected
- heavy vehicles can operate on the slab

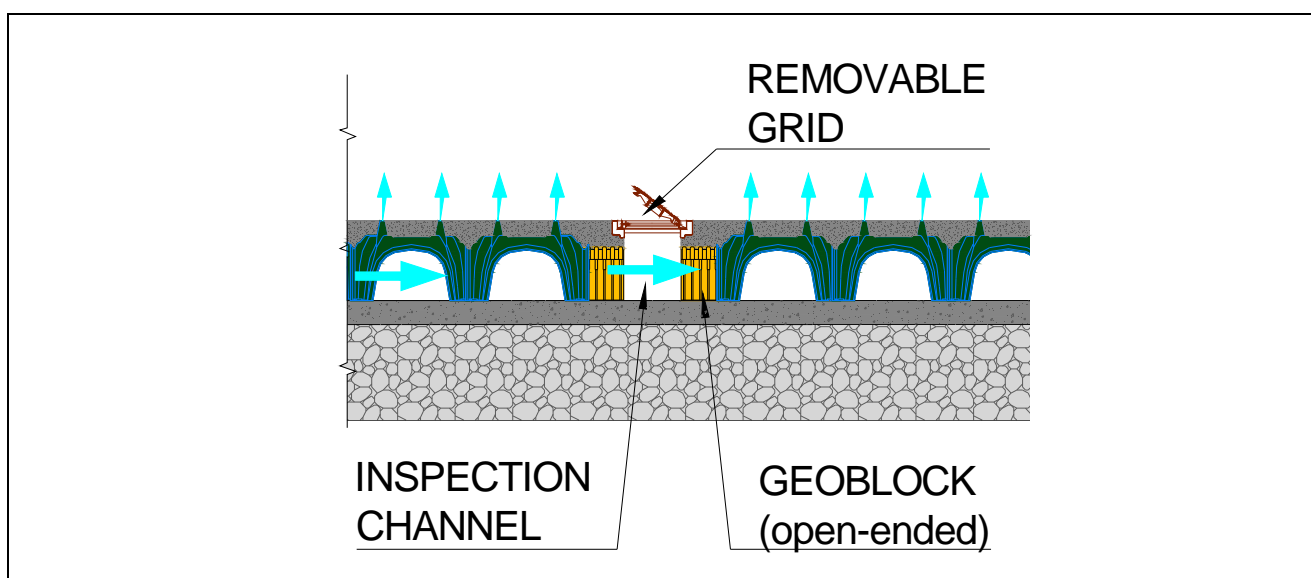


TECHNICAL CHARACTERISTICS

Dimensions	50 x 50 x H33 cm
Nozzle heights	6 cm
Clearance	21 cm
Side clearance	34 cm
Max load.	10,000 kg/m ²
Slab thickness	6 cm
Lean mix layer thickness	10 cm
Pressure on the lean mix layer	5.66 kg/cm ²
Gravel sub-base thickness	25 cm
Pressure on the ground	0.49 kg/cm ²
Rebar diameter	6 - 8 mm
Welded mesh grid	20 x 20 cm
Concrete consumption up to nozzle	0.1 m ³ /m ²



Technical details of Biomodulo



Detail of the inspection channel