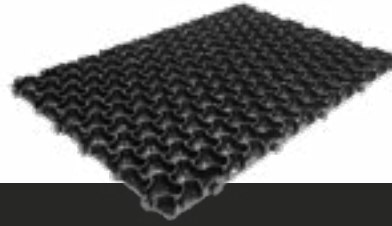# INSTALLATION WITH **GRAVEL**

MULTIDAL

Frost-resistant gravel/grass grid in HDPE with high pressure resistance

01 Excavation

Perform the necessary excavation works. Always remove the topsoil to load-bearing soil. The load-bearing capacity of this layer should be at least 20 Mpa.

02 Borders

Install the borders. They should be 2 cm above the level of the top of the grid.
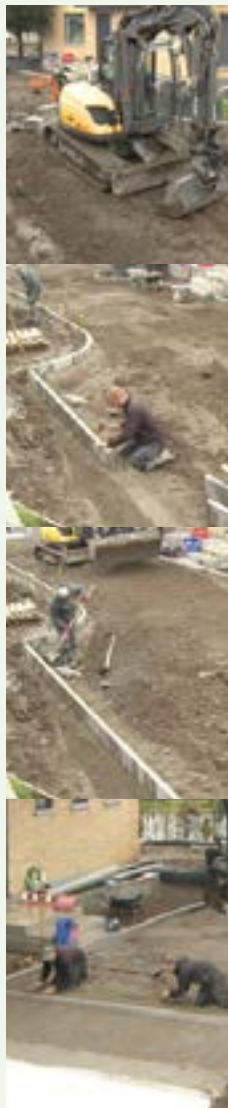
Only for cars

03 Foundation

Place the foundation/sub-foundation at a depth of at least 25 cm. Work in layers of 20 cm at the most, and compact with a plate compactor. The foundations may consist of limestone rubble, porphyry rubble, or crushed concrete rubble (chip size: 0-32 mm or 0-40 mm).
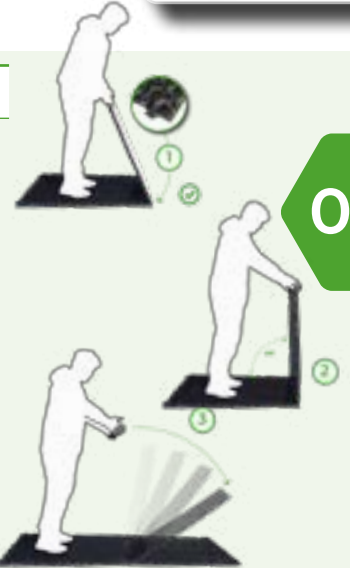
04 Levelling layer

Add the fine gravel, compact and level. The depth of the levelling layer for vehicular applications must be 5 cm, for non-vehicular applications 15 cm. The levelling layer may consist of limestone or porphyry (chip size: 2-4 mm, 1-3 mm, or 0-4 mm) or sieved sand.

05 Multidal

a. Position the first Multidal parallel to the demarcation.

b. With the new click system, you easily connect the next grid. If you need to, you can also disconnect it.

c. We recommend to install the grids in half-brick bond. Start the second row with half a slab, the Multidal is easy to cut with a grinding wheel.

d. Start the third row again with a full grid. Finish the entire surface in this way so the installation is half-brick.

06 Gravel

Add the gravel. Do not drive on unfilled grids. Level with a shovel, brush, rake, and squeegee. Do not compact the ornamental gravel. Allow the gravel to exceed the grids by 1 to 2 cm (1 cm for finer and 2 cm for coarser types of gravel). Check and level a few weeks after initial use. Add gravel where necessary. Sinking will no longer occur.

Advice

» We advise against using brick rubble as a foundation, as it pulverises over time.

» For vehicular applications, we recommend a chip size of 8 to 25mm (smaller types of gravel get stuck in tire treads, while larger chip sizes are aesthetically less pleasing). For non-vehicular applications we recommend a chip size of 4 to 25mm (smaller types of gravel will pulverise over time).

ECCO PRODUCTS