



1. Base

GGT ButterflyMat can be used on

- a. existing gravel base
- b. existing clay base
- c. existing concrete or bitumen surfaces
- d. meadows or compacted soil

if designated riding area

- a. has a well graded (laser) slope and
- b. soil/base bearing capacity is higher than

GGT matting system ensures a durable drainage and water dispersion, stability, separation of top and ground layer.

2. Installation

After base is prepared spread a 1 to 2 inch layer of washed crushed stone, basalt or lava rock. Preferably lava rock is the best as it has a high water storage ability (prob expensive). Particle size should not exceed a fifth of an inch. The gravel should keep drainage open and prevent the fine top footing sand to be washed thru the mats out of the arena.

Put mats on top of gravel layer, with the knobs facing up. Be aware of tongue and groove, leave a 6" leeway (from the end of mat to beginning of boarder) on all four sides to allow the mat to expand. The mat can expand up to one inch if exposed to the sun,

depending on intensity of the sun. Once the footing is spread on the mats, temperature will stay constant underneath the footing. Mat will be more flexible with temperatures above 55 degree and stiffer below this point, but still flexible enough not to crack. Use a vibrating plate to riddle the mats into the gravel layer.

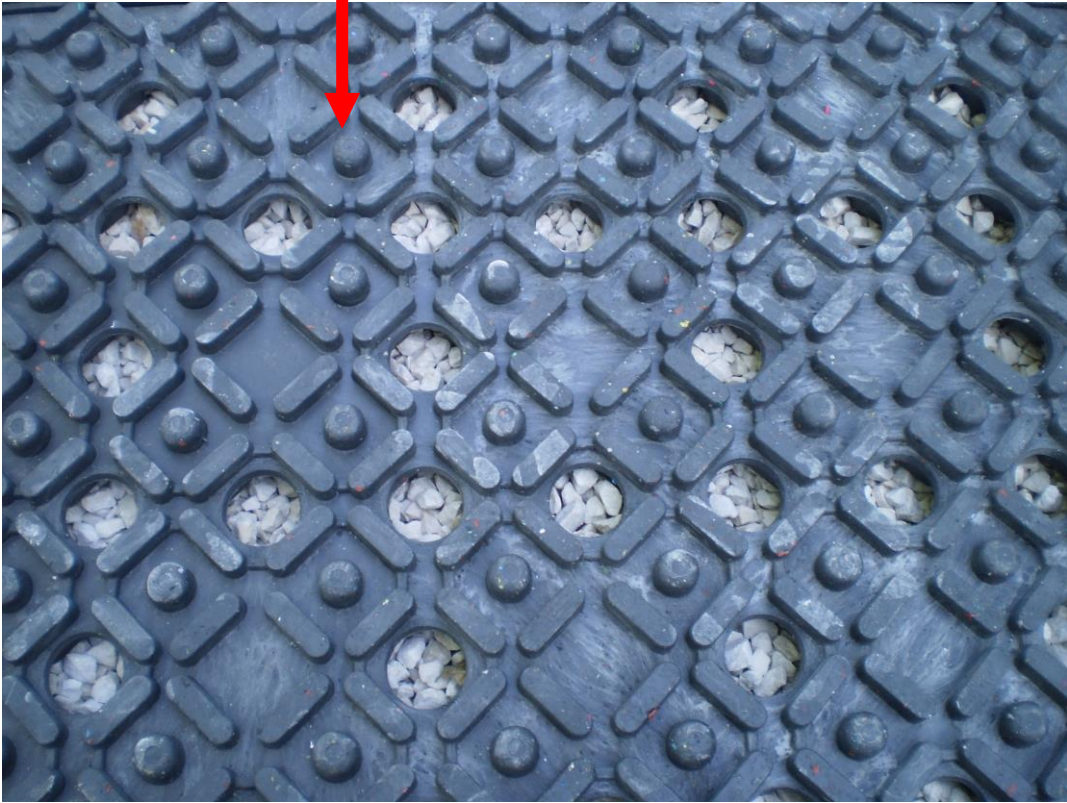
3. Top layer

Install footing as usual

6" leeway between the mat and boarder on all four perimeters.



Knob side facing up.



Tongue and Groove

