



A Case Study
Horse Manège



Project Details**EcoGrid used as a support layer for a free draining horse manège****Client Details****Private horse owner****Contractor Details****Ecora GmbH, Germany**

A well constructed manège is essential to the well-being of horses and can take many forms. Generally, the surface consists of a tread layer upon a free draining base. EcoGrid is used in the construction of thousands of examples across Europe. The grids provide a firm support layer whilst ensuring that the surface material remains free draining. EcoGrid also ensures that surfaces can be easily changed or cleaned.

In this example, the construction is as follows:

1. The area is excavated to 200mm below proposed finished levels.
2. The posts are set with a concrete back-fill.
3. A 100mm free draining stone base is laid and compacted.
4. A 200g geotextile membrane is laid, joints are taped.
5. A fine stone 20mm screed is laid across the surface.
6. The EcoGrid T40 or E40 are swiftly laid.
7. The area is covered with a 40mm layer of free draining silica sand.
8. Taped style barriers are put between the posts.
9. The manège is ready for use.

Fibres can be added to the sand course if desired to give a softer tread layer, these generally consist of the EcoGrid PROGROUND geotextile shred fibres, however other mixes are freely available from all reputable UK suppliers.