



## CASE STUDY

## EQUESTRIAN

# CLIENT: Private Equestrian Arena | LOCATION: Lancefield, VIC

### THE BRIEF:

After competing at the highest level of equestrian events, our client wanted to build a private 1,200sqm equestrian arena in order to simulate actual conditions experienced at that competitive level.

### DESIGN REQUIREMENTS:

By building a private equestrian arena, our client was looking for the convenience of training when they wanted to, regardless of the weather conditions. They wanted to ensure that heavy rains would not render the arena useless for days while the water drained, and that the arena simulated as closely as possible those arenas where national and international competitions were held.

### THE SOLUTION:

Geohex was used as a sub-base for the equestrian arena with a fine sand, imported from the Gippsland area, acting as the aggregate. The sand used had no clay content which benefits by holding the structure more than a traditional wet sand. A Geofabric membrane was also laid beneath the Geohex to further mitigate soil subsidence.

This entire installation was completed in just three days with the Geohex paving system laid by hand, and the track surface laid using Polytrack, a mixture of silica sand, recycled synthetic fibers [carpet & spandex] and recycled PVC.

### WHY GEOHEX:

Geohex's permeable paving system is the ideal solution for stables and arenas where drainage often becomes a problem. A self-draining paving system that reduces your ongoing bedding costs, makes it ideal for a wide range of equestrian applications and facilities.

Made from high impact resistant, 100% recycled, co-polymer polypropylene as plastic matting and paving, the Geohex Erosion Control System is Australian-made, environmentally friendly,



and designed to reduce maintenance and logistics costs; while at the same time increasing safety and water conservation.

### THE RESULT:

As a result of the sub-base of the Olympic level equestrian arena being laid with Geohex, the client is able to use the arena regardless of weather conditions and train for national and international events.



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STAND YOUR GROUND!



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Before Geohex™ ▼



Installing Geohex™ ▼



After Geohex™ ▼

