



General Specification

Enduro-Floor Heavy Duty Matting

Heavy Duty Unsealed Matting

Reclaim Industries Limited has both developed and utilised an unsealed monolithic wet pour system for the **EQUINE** and **GOLF** industry. These surfaces are both non-slip and designed for the wear and usage levels experienced in stables, walkways and wash down areas from normal and high level horse activity.

Equally, the golf course has high levels of potential wear from spiked shoes and buggies. These surfaces, constructed from fibrous rubber material is forgiving to spikes and “heals” after they penetrate the matrix formed by these fibres.

Nominally all Golf surfaces are 15mm in thickness and Equine unsealed surfaces are 20mm thick. These thicknesses have been experimented with and trialled over the years on various sites and these dimensions have proven to be the most optimal for these applications.

Standards

At present the world equestrian and golf market has no specific standard guiding the products used in their flooring for their aesthetic, practical and safety design and installation. There are tests available and standards guiding slip resistance which results can be provided on request.

Reclaim Industries Limited has installed Heavy Duty Unsealed Systems in the USA, Europe, Asia, Australia and the Middle East. The systems installed have always surpassed, in quality the superseded flooring or the alternative products found in adjacent areas. *Reclaims* products have stood the test of time in the world’s busiest equine centres and highly trafficked golfing institutions.

Materials

This product is installed in one process upon a prepared base. All equine surfaces are to be laid upon a concrete base. Golf surfaces can be installed on a “slurry” base, which is an aggregate/concrete mix. Details of both techniques are to be found below.

Primer

All equine surfaces need to be laid on concrete (This same process should be used for golf surfaces to be laid on concrete). To ensure a strong bond and the concrete unable to be able to leach moisture into the rubber surface compound a primer coat consisting of polyurethane and solvent. This coat, applied by a roller effectively seals and prepares the concrete for matting installation.

Mat Layer

The mat layer consists of a graded shredded rubber compound batched and mixed with a properly weighed polyurethane ratio is poured at a nominal thickness of 15 or 20mm over the primed concrete (or slurry base for some golf surfaces). A weighed and measured amount of coloured oxide is also added to provide a pigmented finish. This mixture is to be properly trowelled and screeded to give a firm, smooth finish.

The matt layer is to be comprised of 100% Recycled Rubber Tyre fibres and polyurethane.

Concrete Sub-Base Layer

Standard Concrete Preparation

The base layer is to be prepared to a high standard to ensure surface quality and to prevent future subsidence and growth of plant matter through the surface.

Existing Concrete Area

The concrete should be cleaned and allowed to completely dry and all loose material thoroughly removed prior to installation of surface directly over concrete pad. If the existing concrete is

polished or has a similarly textured surface the area should be scoured to allow a suitable “key” for the new surface to bind to.

New Concrete Area

New concrete should be left to cure for 20 days prior to rubber surface being applied and should have no more than 10% water content before commencement of surfacing. The concrete should have a lightly “broomed finish” to provide an adequate “key”. Adequate drainage should be available for recessed concrete base areas.

Slurry Base (Golf Walkways)

This form of base preparation is designed for golf surfaces that will not receive a great deal of vehicle traffic e.g. a 600mm strip of rubber down the centre of a paved path designed for walkers in the centre and buggies to traverse with wheel either side of the rubber strip. (Extremely popular surfacing method)

Base preparation should be a 75mm concrete and gravel slurry. One part sand to ten parts blue metal with a five to one mix of concrete is sufficient. The underlying surface should be stable and compacted prior to installing slurry. The base should be 15mm (Optimal Golf Thickness) below required finish level.

Curing

The flooring can be used 36 hours after completion.