

## Irwins Soft Path Gravels - Ref: Achill Pathway Mix

Irwins Soft Path Gravels are graded from 8mm down to fine dust. When compacted the finer particles knit together to form a firm, yet porous surface.

This is a SUDS friendly surface which will allow water to gently percolate through it. It isn't 'permanently hard', like a concrete, bitmac or resin surface would be. These self-binding materials can be dug out years after first being placed, crumbled and re-used. Soft Path materials are specially graded decorative aggregates. They are ideal for pathways, where a more natural appearance is desirable. They are extremely popular products for commercial or public applications where a simple, cheap, low-maintenance, natural looking pathway or trackway is required. They can be found on many golf courses, and they are widely used for Parks, Nature Trails and Bridleways. They are not suitable for an indoor application.

### LAYING INSTRUCTIONS

For pedestrian traffic the soft path gravels should be laid at a compacted depth of 50mm on top of a minimum 75mm compacted sub base. For light vehicular traffic the soft path should be laid at a minimum 75mm compacted depth on a compacted sub base of at least 100mm.

Soft Path should be raked flat and then dry rolled with a vibrating roller. The process is then repeated with a wet roller. This is achieved by sprinkling water directly onto the surface of the roller continually throughout the process. This allows the fines to rise to the surface and enables the surface to bind. Do not put water directly onto the surface of the gravel as this will wash the fines out and it will lose its binding properties. The wet rolling should be continued until a smooth and even compacted surface is achieved.

Edging can be used to retain the gravel and help keep it stable. This will also help stop ingress of grass and weeds from surrounding borders. Soft Path should not be laid on any gradients greater than 1:12. If it is for pedestrian traffic a series of steps could be placed to accommodate the gradient.

### COVERAGE

One tonne of soft path laid at a depth of 50mm will give approximately 10m<sup>2</sup> of coverage.

## Irwins AgraBlock

AgraBlock is a key product within a sustainable urban drainage system (SUDS), whereby the porous paving effects the efficient attenuation, infiltration and treatment of storm water run-off at or near its source. It is also an ideal product for grass and gravel reinforcement.

Manufactured by an ISO 9001/2008 accredited company, AgraBlock is a modular unit which works in conjunction with its neighbouring units to create an exceptionally durable, permanently porous, high load bearing structure.

Infilled with either **grass** or **natural aggregate** in completed form, AgraBlock remains in harmony with current environmental considerations whilst complying with increased governing legislations.

AgraBlock is highly suitable for providing paved areas where the recreation of the natural appearance of grass or gravel is important whilst addressing the trafficking requirements. Applications are extensive and typically include:

- Access roads
- Car parks;
- On verges;
- Footpaths.
- Caravan parks
- emergency access lanes:
- pedestrian areas;
- vehicle hard standings
- Bases for sheds

SUDS - The Principle SUDS are physical structures built to receive surface water runoff, being located as close as possible to where the rainwater falls, providing the option of infiltration and attenuation storm water source control solutions. They also provide treatment for surface water using the natural processes of sedimentation, filtration, absorption and bio-degradation. Recent research shows that typically up to 80% of sediment; 60% of phosphorous and; 80% of nitrogen can be removed from rainwater through porous paving, together with substantial levels of heavy metals and hydrocarbons. This natural treatment provides the ideal opportunity for rainwater conservation and re-use for a variety of non-potable applications e.g. toilet/urinal flushing, irrigation, laundry, process water, vehicle washing, refrigeration, coolant use etc. Such source control principles and techniques are now inherent within best practice and are increasingly becoming the norm within development projects.

Technical description:

Dimensions: 450mm x 450mm x 40mm

Suitable for natural aggregates and grass.

Easy install with interlocking system

4 panels = 0.98m<sup>2</sup>

Quick and easy to install

Maximum load bearing capacity: 360 tonne/m<sup>2</sup>

Colour: Black

Manufactured to ISO 9001/2008