

'In comparison to the control samples the presence of Aquadyne significantly increases the transport of water'

(PSD Agronomy Report August 2008)



A green revolution in land drainage

Some comments...

"I specified Aquadyne on a project which included 3 new build sports pitches and a recreation area. Speed and efficiency of installation was very impressive. The quality of the site has been without fault and performance of the drainage can be seen clearly at the outlet ponds. In my experience the Aquadyne system has been excellent; it has proved to be very efficient, cost effective and is an environmentally friendly option (now an important consideration to all my clients)."

David Fountain
Landscape and Architectural Designer

"Everybody knew how bad our pitches had become because of the poor drainage, and this was having a real impact on the juniors and seniors games at our club. We can now use the pitches throughout winter, which has not been possible for many years... in February thousands of litres of water were drained from the pitch daily. The fact that we've used the most environmentally friendly system is an added bonus."

John Coates
Director of Special Projects, Countrywide Properties PLC

"When we placed the order for the Aquadyne installation we were sceptical of the claims that a suitable grass sward would be quickly established and the soccer pitches available by the following spring/summer. The site proved to be usable as soon as the grass established and we have had no issues with maintenance or subsidence of drainage trenches (which is our previous experience with conventional slit and collector drain systems). Maintenance really has been confined to grass cutting and weed control."

Yarnbury Rugby Football Club (Leeds)



Before and after installation at the London Eye



Before and after installation on a golf driving range



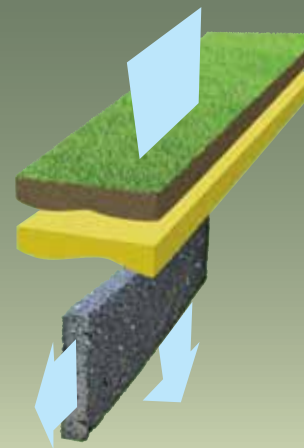
ISO 2001: 2008
Drainage material for use in sports turf, modular, civil engineering, construction and public access applications.



Trump National Golf Course after Aquadyne installation MAY 2006



Trump National Golf Course before Aquadyne installation APRIL 2006



Aquadyne offers unique and spectacular benefits over traditional drainage methods

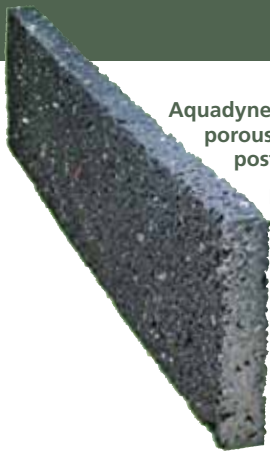


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Aquadyne is a registered trade mark of Econoplas Limited EU patented and worldwide patents pending

5 unique benefits of Aquadyne

How can Aquadyne perform so effectively?



Aquadyne is a macro-porous/micro-porous matrix made from 100% post use recycled plastics

It drains water very quickly but also retains essential water reserves

And most importantly, Aquadyne will not clog



1 Much easier to install

because the trench required is dramatically shallower and narrower than with traditional methods

In reasonable conditions up to 1000 metres can be laid in a single day

2 Much more efficient

because the scientifically proven flow rate of water through each panel is up to 10 times that of sand and because Aquadyne will not clog

3 Much more economical

because 6 years of installations have proven in the UK, Europe and USA, that installation of Aquadyne panels can work out 20% less expensive and requires 75% less weight of material being carried to site

4 Much more durable,

because the panels do not degrade, can take up to 1000 tonnes per square metre with no noticeable reduction in performance and do not clog, there is less need to re-new installations in the foreseeable future

5 Much Greener

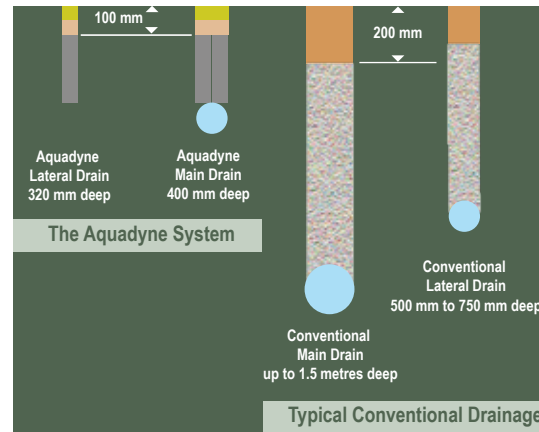
because the panels are made from 100% post use re-cycled material, every 200 panels (200 metres) of Aquadyne saves up to 2 tonnes of greenhouse gas

Technical data relating to these items is available on request



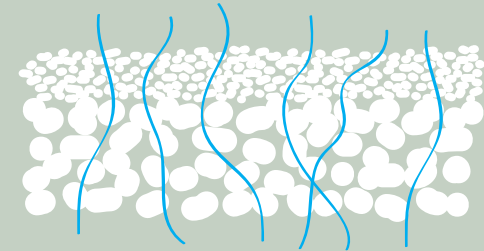
Aquadyne offers a 20% greater drainage capacity than gravel and has a percolation rate 10 times greater than sand

Aquadyne has an open pore surface area of 50% compared with perforated pipes which have just 5%

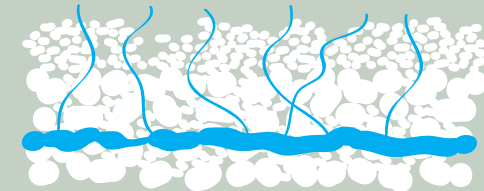


This diagram shows how much easier Aquadyne installation is compared with traditional drainage methods

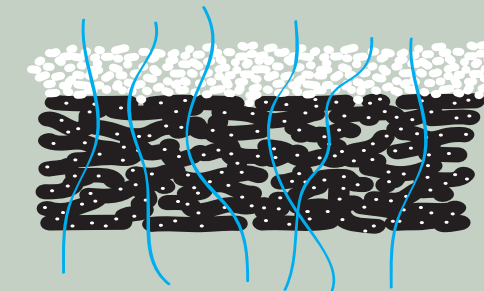
Effective drainage must offer a high open pore space for excess water to flow



Traditional sand over gravel permits an acceptable drainage flow rate...



...until settlement allows migration of the particles, causing separation of the fines from the sand. This causes clogging and prevents efficient drainage flow



When sand is used over Aquadyne there is a small degree of initial migration, but Aquadyne cannot be infiltrated further and efficient drainage flow is maintained

Aquadyne's Green Credentials

from this.....

Aquadyne is manufactured from waste plastic of any type. Even damaged wheelie bins like the one in this picture can be ground down



.....to this



... an Aquadyne standard panel: 1 metre x 220 mm x 45 mm
Dry weight: approx 6 kgs



And because the panels are made from 100% post use re-cycled material, every 200 panels (200 metres) of Aquadyne saves up to 2 tonnes of carbon

Aquadyne also retains water.....

During dry periods conventional drainage systems can dry the soil and cause distress to turf. Aquadyne retains moisture in its micro/macro structure, so no unsightly lines appear

INVENTED AND MADE IN THE UK