



APE Plastic Piling

The Next Generation of Plastic Sheet Piling

Plastic piles designed to be driven and to perform



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The Europile

from s.i.a Pietrucha



The Europile is an exceptional strong pile designed to work well with hydrophilic sealants and is our best seller to date. It is extremely good value and has been used for a wide range of applications from cut-off walls, peat dams to retaining structures.

Unlike traditional Z piles this product does not sacrifice strength for coverage; it has exceptionally strong interlocks providing high resistance to interlock pull out. Its flat frontage provides better contact for walers so that anchor support loads are better transferred, without distorting the pile wall.

This product is ideally suited to impact driving and has on several occasions been driven in panels of three when vibro driven. Spade mandrels are available as are side sleeves and pile caps.



New to APE Plastic Piling

APE are extremely pleased to now have access to the extensive range of sheeting solutions from Skyline Steel in the USA. APE range now goes from the lightest plastic pile right the way through to 7mm thick cold formed steel sheet piling. APE Plastic Piling now have access to:

Environ PE30 HDPE Sheet Piles

HDPE sheet piles 762mm wide with the world famous water tight Larsen interlocks. HDPE is less rigid than PVC but is more resistant to chemical attack in cut-off applications. Its width reduced the number of sheets that need installing and also the number of possible leakage paths.



Nexgen Composite Sheet Piling

Composite sheet piles are made from virgin thermoset plastics reinforced with glass fibre. Composites are the first synthetic piles that will compete with steel in terms of material strength. These piles are much more rigid and so drive more efficiently. Composites also have a higher chemical resistance than PVC and so this broadens the depth of potential applications.



XPS & XPC Coated Steel Piling

Even with composites there are limits to what ground they can penetrate, and limits to loads that they can support. The XPS and XPC are polyurethane and Epoxy coated cold formed steel. This is another example of adoptive technology - combining the benefits of synthetics with steel. The steel provides the rigidity and strength, the synthetics a high levels of corrosion and chemical resistance. There is also a wide range of colours available.





ProLock & MultiLock

from Profextru b.v

The ProLock and MultiLock plastic sheet piling from APE has been designed to provide unparalleled flexibility. Bending moments can be increased within the same product by simply using with timber or steel.

The main advantage of this product range is that when used with timber or steel, these acts as the supporting structure, reducing the length of the plastic pile by as much as half, acting simply as a retaining screen. Therefore, users can achieve economy without resorting to alternative cheap products.



Piles designed to be made from plastic enhanced by working with steel or timber!



MultiLock uses up to 2 x 100mm diameter posts or tubes

ProLock uses a single 150mm diameter tube or post



Piles get their strength from the material and their cross sectional shape. PVC will never have the strength of steel, so plastic piles need new designs. Only APE offers these - all others replicate the shape of steel piles.

Truline Series 800

from Formtech Enterprises



Truline Series 800 combines the benefits of recycled plastics with the increased strength of concrete and gravel. This innovative product can also be used with reinforcing steel bars for extra strength.

Considered on its own, this pile is the first fully flat faced plastic pile, no unsightly corrugations, double interlock for precision driving and better watertightness.



Piles designed to be made from plastic enhanced by working gravel and concrete!



The Series 800 plastic piles provide a section modulus of 892.5 cm³/m and a Bending Moment of 19.7kNm/m!

APE Plastic Piling offers products designed for the application not to imitate!