

Yuzet Geotextiles are used all over the UK , sometimes we are asked which is best , woven or non woven Geotextiles. Here we'll attempt to shed some light on that subject !

Geotextiles are very important in the Civils industry and numerous construction products in the UK. From Road creation to layering underneath new construction building foundations there are numerous uses.

It's critical the correct Geotextile is used to re-inforce groundworks, separate aggregates, filtration and drainage.

WHY USE WOVEN GEOTEXTILES?

Mainly cost , not many people realise that the woven version will achieve separation in the same way that a nonwoven geotextile can, but at a considerably lower cost . It's also quite a bit stronger than the Non Woven version.

It's mostly used for soil separation and the re-inforcement of aggregate layers offering excellent sub structure report. Main areas of use are layer separation underneath roads, and hardstanding areas.

The fabric can resist stress, reduce deformations and is a highly effective method of separating and preventing the intermixing of soil and granular fill materials. The product absorbs energy and can be used on sloped surfaces.

WHY USE NONWOVEN GEOTEXTILES?

This fabric is very permeable and in fact puncture resistant.

Ideal for soak aways , costal defences , general re-inforcement and protection. This product really tackles all elements of critical aggregate separation in a wide range of groundwork applications.

This fabric has tremendous mechanical and hydraulic properties and can meet most on-site requirements. The fabric is needle punched during manufacturing and thermally bonded offering a product produced to offer high performance consistently.

However, it should be remembered that a woven fabric may do exactly the same job but for a lesser cost, especially where a superior strength is required.

ASK US IF YOUR NOT SURE

We realise you may still need some answers or some advice so please give us a call before purchasing this item for your project and if your still not sure hopefully we can advise and help you with which product to purchase.

In most cases, woven fabrics are more durable and stronger than nonwoven fabrics. This is because woven fabrics are reinforced by thread crossing, creating a strong barrier.

While a woven geotextile will achieve separation in the same way that a nonwoven geotextile will, it can do so at a lower price saving you money . However our current sales split is still showing we sell more Non Woven than woven geotextiles