



technical info

What is Needlepunch?

A needlepunch product is manufactured by layering staple fibres to the required weight. These are then needled to the correct density. A polyester scrim may be incorporated into the product to aid stability and reduce sand filtration. The surface is then textured to suit the particular application. The surface can then be resin impregnated and cured in our purpose built finishing lines.

Playrite has needlepunch products to suit all sport and recreational applications whether indoor or outdoor. Needlepunch geotextiles can also be used for soil stabilising, land reclamation and shockpad purposes.

Playrite needlepunch sports surfaces give superior grip under foot when compared to tufted synthetics or natural grass and are less stressful on the joints than tarmacadam, acrylic or compacted sand-filled products. Our fibre bonded products are extremely durable, hard-wearing and represent good value for money.

Due to their forgiving nature and non-fray construction they are both quick and easy to install and, should they be damaged or vandalised, repairs can be readily carried out. Seams made on needlepunch surfaces are stronger and more durable than any other type of product. For the manufacture of synthetic clay tennis courts structured needlepunch with a dressing of crumb-rubber granules has proved to be very acceptable for tennis clubs wanting the playing characteristics of clay but much reduced maintenance cost and maximum availability for play.