



Do you manufacture Carpets, Carpet Tiles, Artificial Grass or other floorcoverings ?

The traditional method during manufacture of Carpets, Carpet Tiles, Artificial Grass and other floorcovering products involves the use of heavily filled latex compounds for back coating for tuft locking and laminating of a secondary backing. The product is not recyclable and consumes large amounts of energy during the drying of water from the latex materials, usually on very large, energy hungry and space demanding machinery.

WEB Processing have developed a revolutionary process to make a recyclable flooring product. This new process uses significantly less energy and is less space restricting than any present manufacturing process. It can also be used for conventional products.



This revolutionary process utilises hot melt blade coating technology which WEB have been supplying into the carbon fibre industry for 30 years.

A thermoplastic resin is premelted in a standard bulk melting machine and pumped to the coating equipment where it is applied to the substrate using a specially designed application system

The design of the knife, knife heating system and method of control are of particular importance in this technique.

As the substrate is coated, a secondary backing material may be laminated to it in a single pass through the machine.

The above technique can be used at widths up to 4.2 metres, but wider widths may be able to be accommodated.

The choice of thermoplastic material is dependant upon the particular product being manufactured, with EVA resins as well as Olefinic materials being used successfully to date.

WEB Processing can supply the complete package required, including the coating equipment as well as the bulk melting system. This can be stand alone equipment or equipment to be retro fitted into an existing back coating line, depending upon the current system being used.

For further information how this new technique can benefit your production as well as to be able to reduce your carbon footprint, energy costs and labour costs

Contact WEB Processing to discuss your requirements

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