

PARAWEB™ Fence for engineering applications

Case Study 004/001

*High
strength
synthetic
mesh
products*



The energy in surface wind is often sufficient to pick up significant quantities of loose grained materials from storage piles or processing areas. The result can be a direct and significant financial cost together with a longer-term impact on the environment. The installation of a controlled porosity windbreak, such as PARAWEB™ Fence, reduces the winds force but allows a diffused flow to pass through. This diffused flow reduces the risk of turbulence and allows the development of an area of shelter downwind of the windbreak, thereby reducing the pick up of material from the pile.

Windbreaks are in use at a number of Power Stations, Mines and Storage depots throughout the United Kingdom. A unique variation of the windbreak theme is a "deploy and retrieve" fence system (pictured above), utilising PARAWEB™ Fence. This has been used successfully at a number of Power Stations and Coal Mines to prevent loss of ash and coal from storage piles. The advantage of this type of fence is that it can be easily moved as the pile increases and decreases in size.

PARAWEB™ Fence is manufactured from PARAWEB™ webbing which consists of discrete channels of parallel high strength synthetic fibres encased in a tough and durable polymeric sheath. The fibre core provides mechanical strength and the outer sheath protection from mechanical and environmental damage. When correctly installed is capable of an extremely long service life.

PARAWEB™ Fence is available in a range of types, colours, roll heights and lengths to suit specific requirements.

Linear
COMPOSITES

Vale Mills
Oakworth
Keighley
West Yorkshire BD22 0EB
United Kingdom

Phone: +44 1535 643363
Fax: +44 1535 643605
E-mail: sales@linearcomposites.com



Linear Composites Ltd is part of the Maccaferri Group