



CASE STUDY

PROJECT
INDUSTRIAL WINDBREAK
FENCING

CUSTOMER
LA FARGE, FERRYBRIDGE, UK

PRODUCTS USED
PARAFENCE™ 165KG TYPE 50

PROJECT DATE
2013

Linear
COMPOSITES

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HIGH STRENGTH SYNTHETIC MESH PRODUCTS PARAFENCE™ FOR ENGINEERING APPLICATIONS

LA FARGE | UK

The energy in surface wind is often sufficient to pick up significant quantities of loose, fine grained granular materials from stockpiles, conveyors or processing areas at industrial sites. The result can be a direct and major financial cost together with a potential serious longer term effect on the environment.

The installation of a controlled porosity wind break, such as ParaFence™ reduces the velocity of the wind but allows a free flow to travel through without creating a disruptive and potentially damaging turbulent area downwind of the wind break. This combined effect reduces the occurrence of "pick-up" and transport of susceptible grains and reduces fugitive dust emissions accordingly.

ParaFence™ has been used successfully to reduce fugitive dust emissions from a variety of sites, both in the UK and around the world, including mines, power stations, vineyards and other industrial sites.

ParaFence™ consists of discrete lanes of fibres sheathed within a highly durable, extruded polymeric jacket. The fibre core provides the strength and strain behaviour of the material and the sheath protects the fibres from environmental and mechanical damage.

ParaFence™ installations, where properly designed and implemented, regularly achieve service lives exceeding 25 years. Recent testing of ParaFence™ samples that have been in-service for over 20 years showed no appreciable loss in material strength or performance – see relevant long term case history.

ParaFence™ is available in a range of types, colours, roll heights and length to suit client specific requirements.



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Linear Composites Ltd reserves the right to amend product specifications without notice and specifiers are requested to check as to the validity of the specifications they are using.