PROJECT SPOTLIGHT

Waste Transfer Station Earlswood, Surrey, UK

The Novomesh fibre reinforcment system proved an ideal option for this site, providing excellent workability now, and in the future



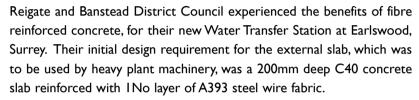
PROJECT DATA

Project: Waste Trnsfer Station **Application type:** External Slabs

Fibre type: Novomesh 6 & Novomesh 41 **Contractor:** Dean & Dybal Construction.

Concrete producer: Cemex Concrete Volume: 400m³ Floor Area: 2,600m²

Completion Date: September 2004



Propex Concrete Systems offered an alternative I50mm deep slab design (C40 mix with a minimum cement content of 330kg/m³) incorporating Novomesh 6 fibre system (Combination of micro & macro synthetic fibres) at a dosage rate of 5.9kg/m³. Novomesh 41, which is a combination of steel and micro-synthethic fibres, was proposed and used in the high abrasion areas.

The proposed designs were fully approved by the project engineers and the use fibre reinforcement as a replacement to traditional steel wire mesh allowed slabs to be constructed more quickly and more cost effectively.

Four hundred cubic metres of fibre reinforced concrete was hand laid in a long strip method, creating a high strength slab which will provide a high quality, durable slab for the new site well into the future.





NOVOMESH[®]



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