



# Knauf UK GmbH

## Sittingbourne, Kent

*Plasterboard Manufacturer*

### **Installation Of 37 Tonne Drum Cooler And Running Frame**

Ebbfleet Engineering Services secured the contract for the relocation of a 4.185M high x 37 tonne drum cooler and running frame from its outside storage position into the Clacination plant via a 4.2M high roller shutter door.

Once inside the building the drum cooler and running frame had to be maneuvered into its final installation position. This was achieved utilising 80 tonne capacity machine moving skates and 2 off 7.5 Tonne forklift trucks for towing into position.

When in the final installation position the 37 tonne unit was lifted to its installation height of 1.2 metres to the bottom of the running frame. This part of the operation was carried out utilising hydraulic lifting jacks and hardwood packing timbers, with each end of the unit being alternately lifted in small steps at a time.

The support frame was then bolted into position and the supporting underlegs were welded into place.

Prior to the commencement of the installation Ebbfleet Engineering Services moved the drum underrollers out of position so that the drum could be lowered down into the support frame to reduce it in height sufficiently so that it would go through the 4.2M access door.

Once in the installation position the drum cooler was jacked up to its operating position and the underrollers were replaced in their original positions and aligned and levelled to manufacturers tolerances. The works were undertaken over a weekend to minimise disruption on the site.



**Ebbfleet Engineering Services Ltd**

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