

FLOORING

Alocit coatings are particularly suited to flooring applications. With high surface tolerance, ease of application and extreme durability they offer a perfect solution - particularly on damp, oily or other types of contaminated concrete. In this example, although of fairly recent construction, the concrete flooring in this factory unit had become unsightly, with patches of ingrained dirt and oil as well as cracking and pitting. The degree of contamination meant that the new coating would have to adhere to a surface with areas that retained considerable quantities of oil despite thorough cleaning.



The Alocit project team used three products, Alocit 28.96 filler for the cracks and pitting, 28.95 primer and 28.15 grey for the finishing coat. Although not used here, quartz can be added to Alocit coatings for slip or wear resistance.

The floor was cleaned using a high-pressure water jet with surface water removed by vacuum machines. This was followed by crack filling with 28.96 and a stripe coat of 28.95 around all the edges. The entire floor was then primed, producing a perfect surface for the application of the finishing coat.

The materials were applied using a roller, with wet film thickness testing at all stages to ensure an even coating. The primer coat was 150 microns and the top coat 300 microns, giving a hard wearing and attractive finish to the factory floor.

The pictures show, from the top, water jetting the contaminated surfaces, stripe coating the edges, application of 28.95 then 28.15 by roller and, finally, the finished floor.

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