

Case Study

Integrally Coloured Flood
Defence Wall



Leeds Flood Alleviation Scheme

PROJECT DESCRIPTION

BAM Nuttall has led the construction of the second phase of the Leeds Flood Alleviation Scheme in areas impacted by the severe floods of December 2015. Flood defences have been constructed along the River Aire, upstream of Leeds Station, as part of a catchment-wide approach to reducing flood risk. Leeds City Council is working in partnership with the Environment Agency on the scheme, which involves an investment of £112.1 million in flood prevention measures for areas upstream of Leeds city centre. The project will provide improved protection for 1,048 homes and 474 businesses.

A total of 500m³ of concrete, integrally coloured with HATCRETE Stone Buff Colourmix, was supplied by Cemex. Phase 2 of the scheme will provide protection against a 1-in-200-year flood event along an 8 km stretch upstream of Leeds Station, including the areas surrounding Leeds Industrial Museum at Armley Mills, Kirkstall Abbey, and Kirkstall Meadows.

PROJECT REQUIREMENTS

To supply 500m³ of HATCRETE Stone Buff Colourmix to the Cemex plant, which provided the concrete for BAM Nuttall's integrally coloured flood defence wall.

PRODUCTS USED

HATCRETE Colourmix – Stone Buff

PARTICIPANTS

- Client – **Leeds City Council**
- Contractor – **BAM Nuttall**
- Concrete Supplier – **Cemex**
- Colour Manufacturer – **HATCRETE**

