

# BRITVIC

S O F T D R I N K S - L E E D S

**Client:** Britvic Soft Drinks

**Role:** Principal Contractor

**Contract Type:** Design and build tender

**Architect:** Harrogate Design Group

**Value:** c £2,000,000

**Duration:** Eight months

**Complete:** April 2006



This 50,000 sq ft warehouse was built as an extension to the existing soft drinks manufacturing factory in Bramley, Leeds.

The steel frame was designed to give a clear span across its 50m maximum width to give Britvic unrestricted flexibility of use. With a height to the eaves of 9.5m, this warehouse has allowed the Leeds site to become Britvic's National Distribution Centre.

Super-fast-acting externally-mounted bi-parting doors give access to the ever-circulating forklift trucks, while at the same time maintaining the integrity of the building to food and hygiene standards.



The main portal stanchions are carried by reinforced concrete pile caps which bear on to driven circular steel tube piling. Cavity walls are constructed internally from pre-cast concrete and incorporate a footing which spans between the pile caps. The outer leaf of facing bricks is secured to the pre-cast wall and brought to meet profiled metal cladding at door head height.

Stabilisation of the building footprint was achieved using vibro-compaction techniques before construction of a ground-bearing reinforced concrete floor slab. The floor was installed using a flood pour system, with a high emphasis on quality control and finishing tolerances to meet exacting food and hygiene standards.

Full height, drive-through racking is protected by a high level sprinkler system supplied from a modified on-site pump house and high capacity water storage tank.



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