

Cadbury Project Basic, Tallaght, Dublin, Republic of Ireland



Client
Cadbury Schweppes

Value
€15 million / £10 million

Area
76,000 sq.ft

Completion
October 2005

Assignment
Design and build

Architect
Lend Lease Projects

Structural / Civil Consultants
Lend Lease Projects

M & E Consultants
Lend Lease Projects



Project Basic for Cadbury Schweppes was conceived and commissioned to replace an existing facility. Cadbury needed to move their production works and engaged Bovis Lend Lease as designer and constructor. The project is a stand-alone green field Gum Base Facility.

The site is located in Tallaght on the outskirts of Dublin. Cadbury selected the site based in a business park in the west of the city.

The building was designed by Lend Lease Projects initially from our Manchester office, due to client requirement to co-ordinate from their head office in Bourneville. The design was transferred to the local Irish office and supported during construction from this location.

The Gum Base manufacturing process uses powder and liquid raw materials. The production of Gum involves a stack equipment layout, conveyors and manual load system, bulk mixers, water pelletisation. The automated facility utilizes palletisation and shrink-wrapping with high material storage and dispatch.

Bovis Lend Lease was the design and build contractor on the Project. A phased handover of predefined scheduled areas was agreed to allow client equipment access. The facility was commissioned and handed over to agreed parameters.

The external façade is a mixture of flat panels, glazing, louvres and entrance detailing. Externals include high quality stonewalling and railings.

The project included:

Four Level Process Building

- Process waste neutralisation system
- Structural solutions and siting for client process equipment
- Integrated sprinkler installation

High Bay Warehouse

- Super flat flooring
- High bay racking with integrated sprinklers

Three storey Office / Maintenance

- Fitted kitchen and sitting area
- Conference rooms
- Laboratory testing facility
- Open plan offices
- Change and toilet facilities
- Workshop and maintenance
- Security control and entrance

Utility Building

- 16 00 sq.ft
- 3.5 MVA electrical supply
- two 2.5 tonnes steam boilers
- compressed system
- four main AHU's
- NFPA sprinkler system
- BMS

Tank Farm

- 3 000 sq. ft
- new tanks
- re-use existing tanks
- demountable roofing for future expansion

External Areas

- 72 000 sq.ft
- hard and soft landscaping
- profiled mounding to stop noise transfer
- hard surface loading bays and delivery yard
- sprinkler tanks and pumps