

# Amcor Bottle Plant Stage 2



<b>Location</b>	Gawler, South Australia
<b>Client</b>	Amcor Glass Packaging
<b>Contract</b>	Design And Construction
<b>Total Cost</b>	\$113m
<b>Duration</b>	June 2003 - January 2005



This glass bottle manufacturing plant, which marked Amcor's entry into wine bottle production, was originally designed and constructed by Leighton Contractors in 2002.

The manufacturing facility features the world's most modern container glass technology, which was secured by Leighton Contractors from Heye Glas, a leading European glass manufacturer and technology provider. The production lines are designed to produce 750-mL premium-quality glass bottles in a variety of shapes and colours.

A trouble-free start-up and strong customer support, underpinned by long-term sales agreements, saw demand for wine bottles approach the capacity of the plant within the first year of operation. Accordingly, in 2003 Amcor requested Leighton to commence work on doubling the size of the plant – bringing its capacity to approximately 400 million wine bottles per year.

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The expansion works increased the total area of the plant complex to over 57,000 m<sup>2</sup>, and comprised:

- expansion of the existing batch plant, containing 13 kilns for raw materials and sized at 800t/d;
- a second furnace building with an additional 450-t/d capacity melting furnace;
- a second production building with two additional production lines, each equipped with a moulding machine capable of forming 16 bottles at a time;
- a second annealing and packaging line;
- duplicating the existing warehouse building;
- expansion of the existing office building;
- civil works, including an expanded car park and revised road and stormwater connections.

All works on the site were delivered under a fixed term, fixed price contract that demanded a strong focus on time and cost control. Stage 2 of the project was delivered to Amcor four months ahead of schedule, and with an exemplary safety record, resulting in no Class 1 or 2 injuries.