

# COM Case Study: Straw-based Pig Finishing Building

## Project of:

G.E. Baker Ltd. – Quality Equipment (UK)

[www.quality-equipment.co.uk](http://www.quality-equipment.co.uk)

Experience in the sector: +20 years

Experience with Paneltim: +20 years

**Quality**   
G.E. BAKER (UK) LTD  
**Equipment**

### Project

Construction of a new, naturally ventilated, pig finishing building.

### Location

Attleborough - UK

### Production time

10 weeks turnkey project from start to finish.

### Dimensions

50 m x 22 m for 1,300 pigs

### Challenge

The construction of a new building to replace an old one. Restriction on available space with the need to accommodate the required number of pigs without disrupting the pig flow.

### Product

Paneltim® Lightweight

### Material

PP copo

### Thickness

50 mm

### Internal cells

100 mm x 50 mm

To construct a naturally ventilated, bright and airy, pig finishing building, straw-based, for pigs from 7-110 kg, Quality Equipment chose to work with Paneltim® plastic sandwich panels for all pen divisions and gates. They were under time pressure as the pigs needed to be accommodated without disrupting pig flow on the farm during construction.

### Solution

Careful planning and scheduling of work and the arrival of materials, made construction possible during a small time frame, in which small piglets could be housed in another building. Quality Equipment saved a lot of time by cutting and welding the standard Paneltim® panels to required dimensions, in-house.

### Step-by-step

Divisions and gates were first cut and welded at Quality Equipment's workshop. The gates were fitted with hinges and drop bolts. Then the required posts and brackets were manufactured in their metal workshop. The 3.0m long gates were capped with a stainless steel channel. On-site, the galvanised steel posts were first set during and after concreting the internal floors. The division panels were then fitted in between the posts before the gates were hung and adjusted

### Advantage

"Paneltim® is our No. 1 choice for divisions and gates, offering the required flexibility necessary for the design of this type of pig accommodation which is very popular throughout the UK," says Jamie Baker, Managing Director of Quality Equipment. "The panels are easily and quickly installed." For farmers, Paneltim® is very time-saving during washing compared to alternative materials. "This building gives me great pleasure! I am now planning my next installation. This has significantly improved my daily routine looking after my pigs."

