

CASE STUDY

Project: High Langmuir Farm, Ayrshire, Scotland

Date: January 2015

Systems: Logstor Pre-Insulated Pipe

Project Details

140kW Heating load over six individual buildings, using Flextra pipe to connect a biomass system to plumbing and radiator heating systems in a farmhouse, two cottages, a workshop, office and store.

The farmhouse has 32 radiators throughout the property with the cottages using another 7 radiators each; the system also incorporates three additional hot air units of 40/20/20kW.

The project was installed with support provided by Maincor in design, product selection and on-site assistance for the installation.

Client Testimonial

"We have been impressed with the considerable attention to detail shown by Maincor and the willingness to be involved in our projects from the early design stage through to installation. The level of assistance given has been superb and the new Flextra pipe has all the insulation qualities of the original product, combined with ease of use and installation that makes the job so much simpler. The support from our area representative has been truly second to none with a level of follow up care that has always been rare in any company.

When combined with a highly competitive pricing structure, quick delivery times and good availability across normal sizes it has proved a winning product."

Jim Faulds, Renewables Specialist



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MAINCOR OVERVIEW

ABOUT MAINCOR

Based in Lutterworth, Leicestershire at the heart of the UK and its motorway network, Maincor Ltd is the sales and distribution partner for the UK, Ireland and the Channel Islands of the Maincor Group, who are based in Germany.

We manufacture and supply pipe systems for plumbing, heating, underfloor heating, as well as specialist pipe products for boiler and white goods manufacturers.

We specialise in innovative plumbing solutions and underfloor heating, using primarily multilayer composite pipe (MLCP) and we also have a PE-RT product option available. We have a product range to suit most requirements from large commercial projects such as schools and hospitals to new build housing developments through to small conservatory extensions.

Our products have the required UK WRAS approvals and many also have international approval. We are a member of UHMA (the Trade Association for Surface Heating and Cooling) and work with CIBSE (Chartered Institution of Building Service Engineers), BSRIA (Building Services Research and Information Association), IDHEE (Institute of Domestic Heating & Environmental Engineers) and CIPHE (Chartered Institute of Plumbing Engineers).

Sophisticated Controls

A wide range of wired and radio controlled systems are available, meaning that room temperatures can be individually controlled, allowing for maximum flexibility and energy efficiency of the building. Controls can be locked out to prevent tampering in a school or hospital for example.



Radiator Manifold Systems

Radiator manifold systems offer simple radiator isolation, minimising disruption to the occupants during maintenance periods. The Maincor range of system controls allows for improved comfort levels for building occupants and increased energy efficiency saving money for the building owner or tenants.



Manifold Plumbing Systems

Individual isolation of the appliances is ideal for commercial applications such as schools or hotels, where it is important to be able to carry out maintenance in parts of the building whilst keeping the majority of the building operational.

When using Multilayer Composite Pipe there are no joints within the building fabric which reduces the chance of leakage and gives fast and easy installation. For Commercial applications MLCP is available in sizes 12 - 43mm (in coils up to 32mm and straight lengths from 16-43mm). A wide range of press and compression fittings are available to create branch plumbing systems if required.



Underfloor Heating Systems

UFH is fully compatible with a wide range of floor constructions seen on commercial properties, on both the ground and upper floors. Using Maincor controls, manifolds, 12mm, 16mm or 20mm pipes and accessories, it is simple to create individual heating systems with the comfort required in buildings with different room-to-room uses such as in a hospital. UFH can be easily combined with radiator systems to create a mixed heating system if required.



Pre-Insulated Pipes

Pre-insulated pipes are especially suited for providing the energy efficient transfer of hot water between buildings on commercial premises from heat pump or biomass systems. The pipe is also suitable for large scale district heating distribution networks such as for hospitals or schools, with its small bend radius making it ideal for even the most congested of sites.



MAINCOR FIVE STEP PROGRAMME

- Design
- Quotation
- Technical and Site Support
- Installation Support and Training
- Completion

If you need help finding the right Maincor products for your project our nationwide sales team will be happy to assist you, simply give head office a call on 01455 555930. We also have an 'in house' highly qualified technical team that can answer our questions. From the simplest quick question, to the most complex controls query, our team will be able to help you.

