

Quick Facts:

Location:
Louisiana, USA

Client:
McLain Homes, LLC

Nature of Project:
Residential

About the client:
Specialists in the construction of family-oriented, village-type neighbourhoods

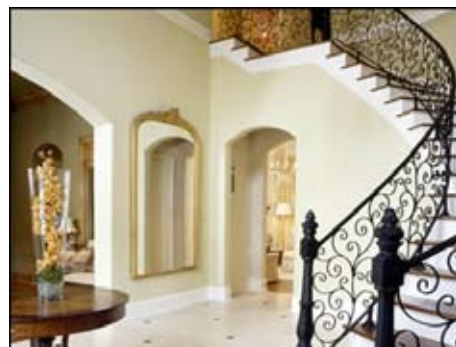
System specifications:

- 120W/m² and 240W/m² heating mats
- Warmup® USTAT thermostats

"Our homeowners love their warm floors and we appreciate the service and products you have provided us..."

Bryan & Sylvia McLain
Owners
McLain Homes, LLC

Warmup heats the floors in upscale residences in stunning landscaped neighbourhoods



The Challenge

The grand McLain homes are designed around lifestyles, so every aspect of the properties had to be flexible and bespoke. Radiators however, restricted arrangements of furniture and ornaments.

The Solution

Warmup® heaters offer extra-comfortable warmth and being fitted under the floor, freed up wall space. It also reduced unhygienic drafts and airborne allergens, creating a healthier and safer environment for all the family. Warmup® 120W/m² and 240W/m² heating mats were installed in conjunction with the Energy-star rated Warmup® USTAT thermostats, which were wall-mounted for convenient access and operation.

The Result

Warmup® heaters provided a practical alternative to traditional radiators. With no maintenance needed, homeowners were able to indulge freely in their lifestyles.



Products Used



PFM matting system (PFM)

Warmup® mat systems are perfect for heating up a large or regular-shaped room. Just 2mm thin, this multi-strand core, double-insulated element is the toughest and thinnest wire you can buy. Installation is as quick and simple as rolling out the mat with pre-spaced wires. Sturdy fibreglass mesh gives it extra durability while super-sticky double-sided tape allows secure installation. Multiple heaters can be combined to cover larger areas.

Technical data:

- Operating voltage
120V:50/60Hz or 230V: 50Hz
- Width: 20" (500mm)
- Mat thickness: 1/8" (3 mm)
- Inner/Outer Insulation:
Advanced Fluoropolymer
- Output rating: 14 W/sq ft
- Single 3m long 'cold tail' connection lead
- Approvals: ASTA BEAB, CE, KEMA & GS
- 30-year Warranty with Homeowner Transfer & SafetyNet™ Installation Guarantee

Warmup® USTAT programmable thermostat

Warmup® USTAT is a flush mounted, dual-sensor digital thermostat so easy to program that there is hardly any need to read the instruction booklet!

Technical data:

- Supply voltage: 120V:50/60Hz and 240V: 50Hz
- Output relay SPST or 1A inductive load: 16A
- GFCI included with test light
- Maximum temperature: 104°F/40 °C
- Monitors energy consumption
- Easy to read digital display
- Battery-free backup up to 50 hours
- Floor probe sensor ensures precise temperature
- Dimensions (H/W/D): 4.6" x 2.9" x 1.9"
- Clock function: 4-events program/7 days
- IP Class: IP 20
- "Energy-star" rated
- Approvals: UL, BEAB
- 1-year warranty

Product Application

