

# PORTAFAB

## CASE STUDY

### Modular Construction Keeps Changing Project on Time and Within Budget

**Customer:** Douglas & Lomason

**Location:** Troy, Missouri

**Application:** 2,430 square foot 2-story office

**Product:** Series 300

**Benefits Provided:**

- Adapt design to needs without serious impacting budget or timeline
- Professional appearance
- Sound control



### THE SITUATION

Douglas & Lomason is a seat manufacturer for Ford Aerostar minivans that was expecting to relocate within eight months. They were looking to add offices inside the warehouse that they would be able to disassemble and move to the new site at a later date.

### THE CHALLENGE

Not only did Douglas & Lomason need the flexibility to rearrange the office structure, but since these new offices would be located close to the assembly line itself, building materials needed provide excellent sound control and non-combustibility while still having the finished, professional-looking appearance that would impress visitors.

### THE EVALUATION

Early in the evaluation process, Douglas & Lomason ruled out conventional construction materials because of their high cost and immobility. They were also interested in finding an alternative that offered minimal disruption of their daily workflow. In order to maximize the space in their warehouse, it was decided that the new offices would be positioned on top of the existing steel mezzanine.

### THE SOLUTION

PortaFab's dealer built the 2,430 square foot office space at the plant in January. A Series 300 wall system was chosen for its unmatched flexibility and because the structural design of the system eliminated the need to install additional supports in the warehouse. Because the offices were to be positioned in close proximity of the production area, Douglas & Lomason opted for Fire and Sound wall panels for their excellent fire protection and sound insulation qualities.

The modular nature of the system also met their needs for future relocation at a later date and color-coordinated, neutral interior panels and matching MatchTone studs and framing components gave the offices the finished, professional look required. Overall, the combination of the flexibility, soundproofing and a professional look supplied by Series 300 system was a total success.

"The customer liked the flexibility so much. In fact, the design was changed frequently throughout the duration of the project which would have made this project very expensive and time-consuming. Since PortaFab's system is non-progressive, the designers and builders were able to make these changes on the fly with minimal disruption to the budget or schedule.

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