

# Images on Glass

## DecoTherm®

Digital, Ceramic Frit Glass Decoration

[www.decotherm.net](http://www.decotherm.net)



## DecoTherm delights in Denver

### Project Participants

- ⊗ Interior Designer: John C. Wurzenberger, Jr.,  
Fentress Bradburn Architects, Denver, Colorado
- ⊗ Glass Shop: Metropolitan Glass, Inc.,  
Denver, Colorado. Curtis Thomas, Project Manager
- ⊗ DecoTherm Tempered: Arch Deco Glass

### Project Overview

The Colorado State Capital building in Denver was being updated to current fire codes. Open stairwells were to be enclosed with glass and door systems capable of blocking and controlling smoke in the event of a fire. This functional design allows the occupants to exit the building safely.

### Key Considerations

Interior designer John Wurzenberger chose to include a repeating design of the Colorado state seal on the glass to draw attention to the glass entryways and enhance safety. The design called for a repeat of the 5.5" seal positioned in a row on the door and sidelights, with numerous doors to decorate.

The seal is an intricate design combining fine lines, various graphics and text. Initially, a sandblasted sample was submitted, which was rejected. The sandblasted image was blurry and lacked the level of detail within the state's seal. In addition, the time required to sandblast the number of doors would not meet the project deadlines.

"There were issues such as fingerprints and poor reproduction on the small scale of the design," John explained. "By the time we discovered these problems, we were down to the wire on the project schedule."



### The DecoTherm Solution

Alex Kastaniuk, Corporate Director of Sales and Marketing for Arch Deco's Western Region, suggested DecoTherm, and the glazier, Metropolitan Glass, agreed to try this new digital, ceramic frit glass decoration technology.

Alex produced two DecoTherm samples in just one week and submitted them for approval.

Curtis Thomas, Project Manager at Metropolitan was very impressed with the DecoTherm samples, which effectively reproduced all aspects of the image. "The clarity and crispness of the state seal design was not coming out with sandblasting and the DecoTherm technology solved those concerns," he said.

John Wurzenberger also was pleased with the quality and agreed to specify the DecoTherm technology. "DecoTherm was the right solution, helping us to meet our deadline and producing a very nice, detailed image," he said.

### A Competitive Advantage

"DecoTherm is easier and faster than sandblasting and we see great potential for its future use," concluded Curtis Thomas. "In fact, we are already using DecoTherm on another project at a children's hospital in Denver consisting of 10 different artists' patterns on glass. The project is a perfect example of what can be done with the flexibility, detail and time-savings provided by DecoTherm."

Alex agrees. "DecoTherm is ideal because it is exceptionally customizable. The sky's the limit when using it to incorporate glass and graphics into a design. No matter what look a designer desires, we can create it using this process."

DecoTherm, 310 Commerce Drive, Amherst, NY 14228

Phone: 716.691.6333, ext. 2759 ⊗ Fax: 716.691.3395

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