

Project Brief

## Alamo Quarry Market Chimney Retrofit



Alamo, Texas, USA  
1997



Delta Structural Technology, Inc. was brought in to restore and preserve three historical chimneys in San Antonio, Texas. These chimneys were approximately 204 ft. high, 18 ft. diameter at the base, and 15 ft. diameter at the top. These structures had previously been retrofitted with steel bands every 20 ft. from top to bottom. The steel bands had either rusted and fallen off or had relaxed to the point that they were providing little, if any structural confinement. Delta Structural Technology, Inc. completely retrofitted all three stacks using the Tyfo® S High Strength Composite Fiberwrap® System developed by Fyfe Co. LLC. The installation took less than two months. The Tyfo® S System was designed to provide confinement in concrete. It serves as not only an excellent corrosive-resistant covering, but will also add a significant amount of strength to an existing structure.

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