

## BELL COUNTY EXPOSITION CENTER

Belton, Texas



320' diameter TEMCOR Aluminum Dome

**USE:** Multi-purpose arena

**DESCRIPTION:** The 88,000 square-foot Bell County Expo Dome has a total of 6,300 fixed seats and an arena floor that measures 120' x 245'. For concerts and other stage events, the building will seat in excess of 9,500. The dome roof was erected in less than four months and is supported at a height of 29 feet above the floor level by a steel wall frame. The exterior is mill finish aluminum, and the interior is thermally and acoustically treated with a white vinyl-faced fiberglass insulation system. The triangulated roof structure supports a suspended aluminum catwalk, air conditioning ducts and light fixtures, and it is designed for a suspended equipment load of 56,000 pounds over the arena floor.

**ARCHITECT:** Logsdon and Voelter Architects, Temple, Texas

**DATE OF CONSTRUCTION:** 1986

**TEMCOR**  
The clear-span  
construction advantage

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