



A CANOPY UNDER THE STARS FOR THE POWER AND LIGHT DISTRICT

TITLE	Elements
DESCRIPTION	Bar canopy
LOCATION	Kansas City, Missouri, USA
COMPLETED IN	2008
FABRIC AREA	650ft ²
FABRIC TYPE	PVC – Mehler FR900
ARCHITECT/CLIENT	360 Architects

ELEMENTS KANSAS CITY, MISSOURI USA

The challenge – shape a nature-inspired roof for an alfresco bar

The Kansas City Power and Light District is the mid-west's premier entertainment epicentre. With more than 50 unique and captivating shops, restaurants, bars and entertainment venues, the district pulses with life.

Elements is a cocktail bar under the stars – a piazza-style lounge with a natural wooded theme that includes a water feature, Brazilian pine deck and birch trees. While fresh air is certainly part of the theme, an overhead shelter was essential to protect patrons from weather extremes.

The solution – a stylish PVC membrane over a timber frame

Structurflex worked with the architect to design a canopy that defines the mood of the space. The end result is a perfectly-stretched membrane that looks like it was strung between the nearest trees, and is tough enough to resist the severe winds and snow falls that punctuate Kansas City weather.

A south yellow pine laminated timber beam is a primary structural element, assisted by stainless steel cables and precisely-fabricated structural steel.

