

# A Lesson In Building Repurposing



Location  
Sand Springs, Oklahoma, USA

Wall Products  
Designwall 2000

Finishes  
Custom Mocha Kynar



## Overview

As one of Tulsa Tech's six freestanding campuses located in the Tulsa metropolitan area, the Sand Spring Campus offers a range of career-friendly educational majors.

This construction project for a new technical learning center required a new building to be created using an existing structure. It was therefore crucial that building products were chosen that could tie the original building system into the newly constructed portions.

The Designwall 2000 architectural wall panels possess distinctive features, textures, and colors, making it ideal for a project with customized needs such as this.



## Wall Product Designwall 2000



# Driving the Project Forward

## Business Challenge:

The buildings now used to provide technical instruction weren't always used as classrooms and lecture halls. The Tulsa Technology Center Sand Springs Campus was originally home to the Sand Springs Ford dealership. Repurposing an aging car showroom and clerical offices into a modern technical learning center was a uniquely challenging project idea, one favored by Tulsa's school, the city, and civic leaders.

## Kingspan Solution:

Project architect Jim Healy chose BENCHMARK's Designwall 2000 architectural wall panels for their enhanced design appeal, easy integration with other building materials, and superior flexibility for tailor-made custom designs.

To seamlessly merge the exterior of the existing building structure into the new campus, Designwall 2000 horizontal panels with block splines were used.



# A Top Class Solution

## Architectural Benefits:

Healy knew Kingspan offered everything needed for the project — window frames, column covers, custom sized panels, and custom shaped panels — to meet the performance requirements they specified.

Project specifier Robert Glenn, Jr. of Glenn's Architectural Products, Inc. is a proponent of BENCHMARK by Kingspan's entire product line, including the versatile Designwall 2000 wall panel system. He knew the materials would be ideal for the complex construction requirements. He also knew BENCHMARK by Kingspan's sales and support staff would provide the necessary expertise and advice to successfully produce the project's custom envelope system.

Designwall 2000 horizontal panels offer a high thermal performance for large-scale projects and create a highly attractive visual appeal. The panels can be used in both vertical and horizontal applications, nearly eliminating design limitations.





# An All-Round Performance

## Installation Benefits:

The single-component design of Designwall panels means speedy installation times at the job site. The panels are also environmentally friendly, and their energy efficiency means less energy is used throughout the building's lifespan, thus reducing its carbon footprint.

Designwall panels are both recycled and recyclable — their exterior skins contain a substantial amount of recycled content, and the panels themselves are recyclable. Their low weight of just three pounds per square foot reduces transport and installation energy, another 'green' benefit.

## Owner Benefits:

Not only did breathing new life into a defunct business promise the area greater economic activity, but the new campus also allowed the adjoining Charles Page High School to reclaim classroom space it shared with Tulsa Tech before construction.



## Contact

For more information on  
the products used in this  
project, please email

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