



EUCLID CHEMICAL

PROJECT PROFILE

JEFFERSON NATIONAL EXPANSION MEMORIAL GATEWAY ARCH



PROJECT DATA

Location – St. Louis, MO

Application – Integral Concrete Pigment

Project Owner – Gateway Arch National Park and Museum at the Gateway Arch.

Contractor – McCarthy Building Companies Inc.

Concrete Producer – Western Ready Mix

Applicator – VeeJay Cement Construction Inc.

PRODUCTS FEATURED

COLOR-CRETE™

Increte Integral Liquid Color Pigment



PROJECT SUMMARY

The Gateway Arch in St. Louis is the tallest man-made monument in the world and is one of America's most recognizable landmarks. The Gateway to the West commemorates the launching point for the Lewis and Clark expedition (1804-1806) that explored Thomas Jefferson's Louisiana Purchase while looking for a water route to the Pacific Ocean. Opened to the public in 1965, the monument and its surrounding park were in need of an upgrade and expansion. The \$380 million dollar project includes a new glass walled visitors center, an underground museum, and a walkway linking the Arch to the Old Courthouse (site of the famous Dred Scott case) in downtown St. Louis.

All in all, over 46,000 ft² of integrally colored and exposed aggregate concrete was placed. Euclid Chemical's Color-Crete was chosen for this monumental task. To ensure quality control, Color-Crete was added to the concrete at the batch plant requiring a Color-Matic single color dispensing unit. Two colors were used, Charcoal and Fiesta and the project took over a year to complete.