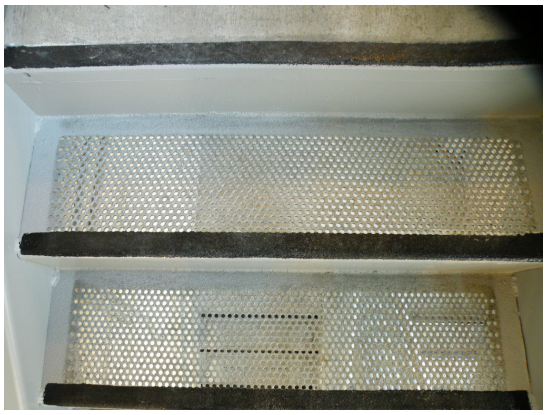
DUKE ENERGY

CHARLOTTE, NC

Non Slip Galvanized Steel Perforated Stair Treads Installed on Duke Energy's Parking Structure



THE SITUATION

Duke Energy is the largest electric power holding company in the United States, providing over 150 years of service to 7.2 million electric customers and 500,000 gas customers. Duke energy covers approximately 104,000 square miles in the Southeast and Midwest.

Duke Energy's Mint Street Parking Deck in Charlotte, North Carolina needed a new perforated stair tread and riser system that allowed drainage and provided a slip resistant surface for employees and pedestrians. A local custom fabricator of Duke Energy recommended *Slip*NOT® Metal Safety Flooring's perforated material as a permanent solution.

THE SOLUTION

*Slip*NOT® provided (186) 1/4" thick 12" x 40-3/4" Grade 2 galvanized steel perforated stair treads with 2" margins, which kept the stair treads consistent. Once the fabricator received the treads, they painted a black nosing strip for higher visibility. Duke Energy and their fabricator chose to galvanize the steel perforated metal to protect against the rust and corrosion that can occur in wet conditions. The perforated treads allowed debris and liquids to fall through the holes while following the Americans with Disabilities Act.

THE IMPACT

The 6 level 24 hour public parking structure is now restored with durable, long lasting, and slip resistant stair treads. Debris and fluids are able to fall through and employees do not have to worry about potential slip and falls going back and forth from their vehicles throughout the day.