



PROJECT PROFILE

TuffRez[®] used on over 300,000 square feet of aisles for Nissan automotive manufacturing facility.



CUSTOMER

Nissan North America

Smyrna, Tennessee

PROJECT TEAM

Contractor: Florline South – Knoxville, TN

PROJECT OVERVIEW

The Nissan North America facility in Smyrna, TN covers 5.2 million square feet. It is one of the largest automotive plants under one roof in the US. This plant manufactures the Frontier, Xterra, and Altima.

www.nissanusa.com

With TN becoming the new corporate headquarters of Nissan North America, the Smyrna plant has become a high profile facility that regularly hosts visitors and customers from around the world. They take great pride in how their facility looks, and know that it is a direct reflection of themselves to others.

RezRok[®] 106 was chosen to patch cracks, pop-outs, and other concrete imperfections because of its fast cure properties and easy 1:1 mix ratio.

TuffRez[®] 235 was chosen to coat all of the aisle ways in the plant for its high gloss, abrasion resistance and ease of application.

TuffRez[®] 206 was used for areas where slip hazards were an issue because of its aggressive texture and quick turn around time.

KEY CONSIDERATIONS

Aesthetics: Coating had to provide a durable, high gloss finish.

Durability: Must have superior abrasion resistant to withstand heavy foot and cart traffic.

Color: Customer desired a unique Charcoal Gray color.

Chemical resistance: Must be chemical resistant to a wide range of chemical found throughout the plant.

Safety: Some areas required an aggressive non-slip texture with minimal down time for installation.

SYSTEM PRODUCTS

- **RezRok[®] 106:**
Epoxy Patching Compound, Fast Cure
- **TuffRez[®] 206:**
Epoxy Coating, Non Skid
- **TuffRez[®] 235:**
Polyurethane Coating, High Gloss