



PROJECT PROFILE

PolySpec® 193 used to fill control joints and cracks for new warehouse.



CUSTOMER

Fireworks City

Heflin, AL

PROJECT TEAM

General Contractor: Morris Building Constructors, Inc. – Oxford, AL.

Installation Contractor: G & S, LLC – Jemison, AL.

PROJECT OVERVIEW

After the concrete was poured for this warehouse, stress cracks began to develop. The customer was concerned about future damage to the concrete from heavy fork lift traffic. A product was needed to fill the existing control joints and stress cracks, and provide protection from future spalling and joint edge deterioration. The engineer chose PolySpec® 193 because of its high strength-to-flexibility ratio and long term performance properties. PolySpec® 193 incorporates polysulfide as a stress relieving agent, reducing age hardening common in competitive products, thus ensuring prolonged performance.

KEY CONSIDERATIONS

Joint Edge Protection: The selected product had to be able to limit joint deflection and minimize the spalling effects of forklifts and small hard wheel traffic on the joint edges.

Long-term Performance: The product needed to resist age hardening, allowing it to maintain its flexible properties over time.

Adhesion: A product was needed that would outperform the adhesion properties of standard polyurethane and polyurea joint sealant products, allowing for better performance along the bond line.

SYSTEM PRODUCTS

- **PolySpec® 193:**
Epoxy Control Joint Sealant, Semi-rigid