

Intertape Distribution Expansion

Danville, VA



Project Profile (2018)



Project Summary

Intertape Polymer Group Inc. is one of the largest packaging industry companies in the world creating protective solutions for industrial and retail use. In 2018, their manufacturing and distribution center in Danville, Virginia, undertook an expansion project to add 120,000 sf.

The project design included a 120,000 square foot 6" concrete slab. The original joint layout was a standard 15' x 15' joint spacing. The column line of the addition was 50' x 60'. Industry design standards with conventional materials require a joint every 15' in each direction. Blair Construction proposed an extended joint spacing design that would match the column line.

The benefits of reduced joints included less maintenance over the life of the facility resulting in decreased down time, maintenance costs and curling potential.

The concrete mix was optimized with PREVent-C Shrinkage Reducing/ Compensating admixture and steel fiber allowing the concrete mix to extend further. The result was a 50' x 60' control joint flat slab flow with zero cracking.

Owner: Intertape Polymer Group
Engineer: Master Engineers & Designers
Concrete Contractor: Blair Construction
General Contractor: Blair Construction
Ready-Mix Producer: Chandler Concrete
Products: PREVent-C@500 Shrinkage-Reducing/Compensating Admixture



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