



ATLANTA BOTANICAL GARDENS WALKWAY - ATLANTA, GA

PROJECT DESCRIPTION

Halvorson and Partners Engineers of Atlanta specified FORTA-FERRO[®] macro synthetic fiber in addition to conventional reinforcing steel in the unique suspended walkway project within the Atlanta Botanical Gardens. The concrete pathway or 'Canopy Walk' is the longest suspension walkway through a wooded area in the United States. Over 500 feet in length, the elevated sidewalk was 10 – 12 feet wide and placed at 5 inches thick on the slab-on-metal-deck suspension system. **The engineer's goal was to minimize shrinkage-related cracking, while eliminating the need for construction or control joints over the length of the structure.** Special pre-project trials were cast well in advance of the actual placement, to assure of a fiber-free light-broom surface finish. **A thin weather-resistant coating was applied over the finished product, and to date, there are no visible cracks over the entire length of the walkway.**

KEY POINTS

- Reduced Cracking
- Reduced Shrinkage
- Cost Effective

DETAILS

Date: 2009

Location: Atlanta, GA

Dosage: 7.5 lbs. / cu. yd.

Fiber: FORTA-FERRO[®] 2-1/4"

Application: Slab-on-Metal-Deck/
Pavement

Contact us for more details