PROJECT PROFILE

CA35 - CONDOMÍNIO ANHANGUERA

PROJECT DATA
Location – Cajamar City, Brazil (Sao Paulo State)
Application – Fiber Reinforcement
Contractor – Alphapiso and GNP
Engineer – Monobeton
Concrete Producer – Concrelongo, Polimix and Concrecity
Total Area – 149,562 m² (490,689 ft²)

PRODUCTS FEATURED
TUF-STRAND™ SF
Macro-Synthetic Fiber

SCOPE OF PROJECT
• Crack free slab
• Replace 22.5 kg/m³ (38.0 lbs/yd³) steel fiber with TUF-STRAND SF @ 5.0 kg/m³ (8.0 lbs/yd³)
• High flatness and levelness
• Short deadline

PROJECT SUMMARY
CA35 - Condomínio Anhanguera is a logistics center in Cajamar City with access to Rodovia Anhanguera, Rodoanel Mário Covas and Marginal do Rio Tietê to Sao Paulo. This facility features multiple warehouses and office modules, a 700-car parking lot and a helipad. It is designed to facilitate the circulation of trucks while respecting the concepts of environmental sustainability and following the USGBC certification. Due to the need to shorten the construction time, TUF-STRAND SF macro-synthetic fiber was the most cost-effective solution for the job. The 14 cm (5.5 in) slab was poured with a dosage of 5 kg/m³ (8.0 lbs/yd³) and a 11.0 m x 13.0 m (36.3 ft x 42.6 ft) joint spacing.

It is the first project in Brazil to win the global Golden Trowel Award in recognition of excellence in construction of flat and level concrete floors using macro-synthetic fiber.