



EUCLID CHEMICAL

## 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 m<sup>2</sup> (1,609,872 ft<sup>2</sup>)

## PRODUCTS FEATURED

**TUF-STRAND™ SF**

Macro-Synthetic Fiber

## SCOPE OF PROJECT

- Crack free slab
- Replace 22.5 kg/m<sup>3</sup> (38.0 lbs/yd<sup>3</sup>) steel fiber with TUF-STRAND SF @ 5.0 kg/m<sup>3</sup> (8.0 lbs/yd<sup>3</sup>)
- High flatness and levelness
- Short deadline



**GoldenTrowel®**  
2019 Winner

## 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/m<sup>3</sup> (8.0 lbs/yd<sup>3</sup>) 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.