

# Flooring Systems Solutions

Whether a floor is located in a healthcare facility, warehouse, retail store or commercial building, CTLGroup helps solve floor problems. We assist our clients in avoiding floor troubles by guiding floor design and construction efforts.

Concrete floors, with and without finish flooring, are subject to a range of problems that can compromise their safety, usefulness and appearance. An enduring solution first requires an accurate evaluation of the root cause of the problem. Faced with an existing floor problem, our materials scientists and engineers work together to determine its source and recommend practical, enduring solutions. Whether your finished floor surface is resilient, textile, concrete, polymer coating or another material, CTLGroup has the technical knowledge and experience to solve the problem. At the design stage, CTLGroup develops and reviews specifications to meet owners' needs. Our engineers and scientists:

- Conduct pre-construction meetings
- Observe slab placement and verify conformance
- Recommend sawcut joint timing and depth
- Monitor drying

## Construction Services

Proper slab performance depends on proper construction methods. To help construction crews build slabs right, CTLGroup experts:

- Evaluate and recommend slab thickness and reinforcement plans
- Plan joint layouts and moisture-resistant details
- Develop and review specifications
- Review concrete mix designs
- Provide moisture-control options

## Forensic Services

When floor problems arise, they often involve multiple parties – tenants, owners, architects and contractors – and require expert assistance to resolve. CTLGroup typically follows a four-step plan when investigating problems, beginning with document review and proceeding through site inspection, material sampling and laboratory analysis. Our multidisciplinary teams:

- Review background documents
- Visually assess slab condition
- Determine slab thickness nondestructively

