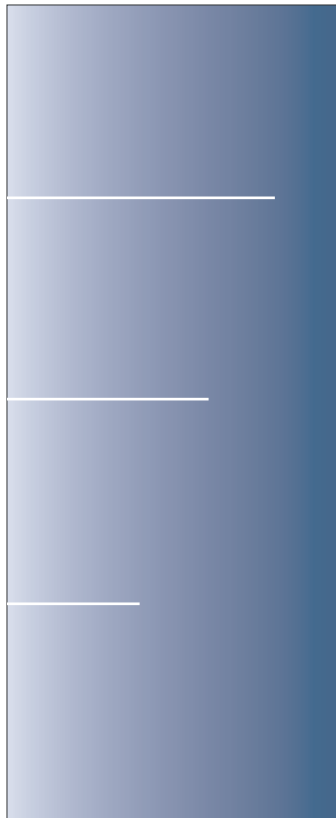


Effects on the concrete surface >



Quality of the works carried out

Weathering, site delivery arrangements, placement, compaction, timing of formwork removal, formwork-stripping operations, curing, finishing-work, a well-qualified, non-fluctuating formwork crew, release-agent application, and many other factors.

Concrete and reinforcement

- Concrete cover, reinforcement ratio, construction joints
- Suitable, unchanging mix formulation: Cement, aggregates, grading curve, fine fraction (ultrafines), maximum particle size, consistency, W/B ratio, SCC, coloured concrete, identical concrete, etc.

Release agent

Type and quality, application dosage, application method, weathering, ventilation; preliminary on-site trials recommended

Formwork

Usage condition, surface quality, tolerances, fixing method used for the form-facing, size & shape of joints, tightness, construction joints, type of form-ties, tie-hole pattern, edges, storage, care, accessories, assembly quality, areas needing repair, suspension points, identical equipment, etc.

The sum of all factors decides.