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PLACING TYPE 1L (PLC) CONCRETE? Best Practices for Exterior Flatwork

Modern Portland Limestone Cement (Type 1L / PLC) can behave differently than traditional Type I/II cement. Following proper placement and curing practices is critical to achieving durable, attractive concrete.

DON'T: Sprinkle water on the surface

Adding water during finishing weakens the surface, increases scaling risk, and leads to dusting and discoloration.

DO: Use a Finishing Aid prior to bullfloating

ChemMasters FA-1 – Nano First Aid for Concrete Finishing

- Lubricates the surface for easier finishing
- Increases surface durability and abrasion resistance
- Enhances surface strength
- Helps reduce surface defects
- Ideal for Type 1L (PLC) concrete



FINAL CURING MATTERS

Begin final curing immediately after final finishing.

ChemMasters Curing Product Recommendations - High-VOC

MINIMUM PROTECTION – Cure & Protects Meeting ASTM C309 Specifications

Water-Based:

**Safe Cure & Seal 309
Polyseal WB15**

BETTER PROTECTION – Cure & Protects Meeting ASTM C1315 Specifications

Water-Based:

Polyseal WB

Solvent-Based:

**Polyseal
Certi-Vex AC1315
Spray Cure & Seal 25**

BEST PROTECTION – One Step Acrylic Cure & Protects with Penetrating Reactive Silane/Siloxane

Water-Based:

Silencure SRT

Solvent-Based:

**Silencure
Certi-Vex Guard Clear**