

# armourtech



## Colloidal Silica-Based Troweling Aid and Curing Agent

### **“It’s like having an extra finisher on the jobsite.”**

Day1 from Lythic Solutions is a new type of troweling aid and curing agent. This game-changing product has major benefits during finishing, and it improves the quality of the resulting slab.

### **Easier Troweling, More Working Time**

Day1 reduces drag, meaning less operator fatigue and lower wear on equipment.

Day1 extends finishing time without adding excessive water. As you spray on Day1 and work it into the surface, it reacts with lime in the concrete to slow surface drying. This gives you 15-45 minutes extra to finish the slab right, and makes it easier to close it properly.

Day1 makes extra water unnecessary. It strengthens the surface and eliminates dusting. By slowing surface drying, Day1 also helps prevent checking, crazing, and premature set. Day1 can improve every finishing job. In adverse conditions including wind, high heat, and low humidity.

### **Make Better Concrete**

Day1 becomes a permanent part of the concrete, and cures the slab in much the same way as a liquid membrane-forming curing compound, even though Day1 **does not** form a membrane, film or residue, and there is nothing to remove afterwards. Day1 closes the pore structure, so water is retained inside the concrete for longer, allowing proper cement hydration.

- Proven to meet the water-retention requirements of a liquid membrane-forming curing compound per ASTM C156 *Standard Test Method for Water Loss (from a Mortar Specimen) Through Liquid Membrane-Forming Curing Compounds for Concrete*
- Closes concrete pores so effectively that the surface becomes water repellent
- Third-party tested to mitigate potential for ASR pop-outs
- Eliminates dusting
- Strengthens (hardens) surface
- Helps strengthen bond between concrete’s surface layer and inner slab
- Ties up excess calcium hydroxide, preventing salts from accessing lime and damaging concrete surface
- Helps prevent surface freeze/thaw damage by resisting water absorption

It’s easily mixed with water in a **4:1** ratio. Working solution covers approx **5m<sup>2</sup> per/ltr.** Spray on and continue to finish the slab normally.

**DAY1 wins MIP 2013: Lythic’s DAY1 Power Troweling Aid selected as Most Innovative Product at WOC 2013.**“