



chemical solutions to concrete problems



STAGE1™

FINISHING AID • EVAPORATION REDUCER



**Maximize
Workability,
Concrete Surface
Strength,
and Overall Durability**

REDUCES
EVAPORATION



EXTENDS
WORKING TIME



IMPROVES
FINISHING
CHARACTERISTICS



IMPROVES
SURFACE
APPEARANCE
& STRENGTH



BENEFITS

- **Ready-to-use formulation**
- **Extends the working time** of fresh concrete up to 100% (double) compared to untreated concrete
- **Increases the workability of all concrete flatwork** during adverse conditions such as wind, sun, high temperatures and/or during periods of low humidity
- **Reduces surface evaporation** and **lubricates the concrete**, making it easier and faster to get the desired finish
- **Enhances surface hydration**, ensuring maximum strength and durability
- **Densifying properties** with chemically reactive colloidal silica, filling pores and capillaries for a stronger surface
- **Improves compressive strength** and **abrasion resistance** of concrete surface
- **Minimizes efflorescence (whiting)** and surface crazing for a cleaner finish



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EVAPORATION REDUCER



ENHANCES FINISHING PROCESS



EXTENDS WORKING TIME

Applied during the floating and troweling process, STAGE 1 combines with calcium hydroxide to form calcium silicate hydrate gels that fill surface pores and capillaries to reduce moisture loss, increase concrete fluidity and extend workability, giving finishers up to an additional 45 minutes of extra finishing time.

APPLICATIONS

- Ideal for concrete flatwork in hot, windy, or low-humidity conditions where surface evaporation exceeds bleed rate
- Perfect for Type 1L cement mixes, where reduced bleedwater can lead to surface crusting (false set)
- For reducing craze cracking, dusting, curling, and efflorescence on concrete slabs and decorative surfaces
- For increasing surface strength, abrasion resistance, and reducing moisture vapor emission (MVER) and permeability
- Complies with Federal, State, and Provincial VOC regulations in the US and Canada

PACKAGING

- 275 gallon (1,040 L) totes
- 55 gallon (208 L) drums
- 5 gallon (19 L) pails
- 1 gallon (3.78 L) jugs



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