

# Efflorescence Reducer

CONCENTRATED ADD 50 GALLONS OF WATER

*Environmentally Safe*



## UTILIZATION IN PORTLAND CEMENT CONCRETE

Here are some reasons for utilizing **EFFLORESCENCE REDUCER** in your masonry mixes.

1. **EFFLORESCENCE REDUCER**, a colloidal, custom-mineralized, pozzolanistic liquid which provides mortar / concrete the maximum possible degree of hydration during its curing process, and at the same time **EFFLORESCENCE REDUCER** is simple and easy to use.
2. **EFFLORESCENCE REDUCER** utilized in portland cement concrete effectively provides extraordinary ultimate durability also, concrete becomes self-compacting / self-leveling / more mobile / more cohesive, lower in permeability, while increasing surface abrasion resistance, plastic cracking resistance, becoming naturally (not chemically induced) shrinkage compensated, improved aesthetic appeal, improved workability and compatibility.
3. **EFFLORESCENCE REDUCER** utilization provides adequate pozzolanicity to a mix to consistently and effectively convert conventional portland cement concrete into high-performance, evidenced by its ultimate performance characteristics, i.e., durability, impermeability, surface abrasion resistance, and etc.
4. **EFFLORESCENCE REDUCER** contains natural ingredients that effectively increases the volume of calcium hydroxide (Ca OH<sub>2</sub>) produced, during mixing; subsequently, **EFFLORESCENCE REDUCER** natural ingredients convert significantly higher than normal amounts of the internally produced calcium hydroxide into beneficial calcium silicate hydrate (C-S-H), which among many other things, benefits flexural strength, reduces / eliminates delayed ettringite formation potential, etc.
5. **EFFLORESCENCE REDUCER** does not require special handling, safety equipment, storage procedures, or curing techniques as does other pozzolan products, yet consistently works to ensure that each and every time, both of mortar and concrete cement pastes (paste-aggregate zone cement paste / bulk cement paste), produced during mixing, is of the highest attainable quality, thus, microcracking (invisible internal cracking significantly effecting permeability) potential is virtually eliminated, and modulus of elasticity, flexural strength, and impermeability become significantly enhanced.
6. **EFFLORESCENCE REDUCER** utilization generally lowers mortar and concrete air-void percentages by about 35 to 50% of mixes not utilizing **EFFLORESCENCE REDUCER**, providing extraordinary freeze-thaw damage resistance, i.e., scaling, and etc., while significantly increasing effected mortar and concrete density. Laitance, honeycombs, dusting, and reinforcement steel corrosion, etc., potential becomes virtually non-existent.



**For all of your masonry and concrete needs**

**ACON PRODUCTS**

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