



Stockton PRODUCTS™



An Introduction To Pozalite®

The Pozalite® formula is a plasticizing mixture that makes stucco, shotcrete and concrete better.

It is a finely separated, particulate size controlled mixture that contains specially selected low-water-absorption proprietary ingredients. This makes for a product unlike any other. Available in 50 pound bags.

What Are The Benefits of Pozalite®?

When Mixing, Pouring And Finishing...

- Holds moisture longer leading to more "open time"
- Reduces water requirements
- Reduces shrinkage & cracking
- Virtually eliminates "mud slides"
- Creates greater air entrainment
- Smoother, easier troweling

When Pumping...

- Excellent pumping agent with high lubricity
- Ends problems when pumping material to heights and distances
- Ends jerking & packing hose

Finished Product...

- Greater shear strength
- Increases flexural strength
- Greater compressive strength

Who Can Benefit From The Use of Pozalite®?

- Contractors who work with cementitious products - stucco, shotcrete, pumpers, floors & other flatwork, foundations, retaining walls, counter tops, decorative concrete, etc.
- Concrete & mortar companies
- Producers of functional and artistic precast and prestressed concrete products
- Concrete shingle manufacturers

- Leads to better workmanship
- Faster, easier start-up & clean-up
- Improves form release properties
- Lowers number of man hours required
- No lime - eliminates lime bum concern
- No calcium chloride

- Primes the pump for faster, easier start-up
- Aids end-of-the-day clean-up
- Extends equipment life
- Reduces operating and maintenance costs

- Resulting product is harder than without Pozalite®
- Better end-product performance in freeze / thaw conditions

- Fireproofing product manufacturers
- Cementitious pump manufacturers
- Cementitious related equipment manufacturers
- Equipment rental firms
- Consultants, engineers & architects who care about quality results

Pozalite® Characteristics And Performance

The following confirms the benefits of using Pozalite®, by describing how it works:

Portland cement gains strength by chemically reacting with ordinary water. This strength development requires moisture to be present over a period of several days to "culture" the growth of interlocking crystals that give cementitious products their strength. Plaster and concrete are typically a highly porous material that easily allows mixing-water to evaporate. This is why building codes requires moist curing. Two functions are served with moist curing. First, time is required for reasonable strength development and secondly, maintaining moisture longer reduces shrinkage and cracking when the mix is in its most fragile stage.

Pozalite® is formulated with scientifically selected proprietary ingredients. Pozalite's unique in that it can retain water between charged platelets of aluminum silicate.

Pozalite® has modest expansion and high moisture retention properties. Even though expansion is modest, special proprietary ingredients compensate for the expansion by forming small discrete air bubbles (air entrainment) that reduces the overall water requirement of a mix. The air bubble, due to its size, is very stable reducing moisture loss... thereby reducing shrinkage.

In summary, Pozalite® has been shown to improve the overall strength by minimizing moisture loss and reducing the water requirement for machine or hand applications.

Mixing Instructions

1 Mixer Load	2 Mixer Load	3 Mixer Load
4 LBS.	8 LBS.	12 LBS.
(1 Container)	(2 Containers)	(1/4 Bag)

Note: Exceeding mixing amount will not adversely affect the stucco mix.

Plastic Cement With Pozalite® Exceeds

ASTM G595 Compressive Strengths Minimums By:
7 Days - 58% 28 Days - 10%

Compressive Strength (PSI)

ASTM G595 Minimum			Mixed With Pozalite®		
DAYS			DAYS		
3	7	28	3	7	28
-	1500	3000	1981	2384	3317

For Additional Information Contact:

Stockton Products™

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