



MetaMax[®]PA

High Quality Pozzolanic Additive for Pool Plaster



Better Pools from Start to Finish

We make pools better by improving the plaster — so pool plasters are easier to apply and can maintain their appearance even under some of the most severe conditions.

Color changes, surface imperfections and areas of weakness in plaster can result when lime, created as an undesirable by-product of cement hydration, leaches from the hardened plaster. But now there's MetaMax[®] PA high quality pozzolanic plaster additive that's uniquely engineered to react with lime to form additional cementitious products, resulting in a more durable plaster finish. In addition, MetaMax PA pozzolanic additive produces a plaster with a creamy texture, improving the plaster's trowelability, making it easier to apply and finish.

Over many years and in more than 50,000 swimming pools, results show MetaMax PA pozzolanic additive reduces permeability and improves surface appearance in hardened plaster. Not to mention, it has a white color for architectural applications — perfect for white and colored plaster and all exposed aggregate finishes.

MetaMax PA Pozzolanic Additive can:

Increase Production

- Improve trowelling
- Reduce bleed water
- Decrease finishing time

Improve Surface Appearance

- Maintain high whiteness
- Reduce spot-etching
- Reduce cracking
- Reduce mottling
- Reduce efflorescence
- Reduce color pigment “fade”

Improve Performance

- Improve aggregate bonding
- Increase chemical resistance
- Reduce permeability
- Increase strength
- Reduce alkali-silica reactivity
- Lower alkalinity in start-up

Directions for Use

1. Add MetaMax[®] PA as a percent by weight of cement in the batch.
 - Without any water-reducers, add 10-15% MetaMax PA based upon the weight of cement. MetaMax PA is supplied in 55 pound (25 kg) bags. So, if you are using five bags of cement (470 pounds) in your plaster mixture, you can add one bag of MetaMax PA (55 pounds) to achieve about a 12% addition.
 - With water-reducers, add 15-20% MetaMax PA based upon the weight of cement. Consult the water-reducer supplier for guidelines on formulating with their product.
2. **DO NOT** add extra water. MetaMax PA will produce a mixture that may appear dry in the mixer, but MetaMax PA forms a cohesive mix that is easily worked with a trowel. Adding too much water will reduce the effectiveness of MetaMax PA.

Shown below is the mix ratio of cement to Metamax PA.

Cement		MetaMax PA Plaster Additive	
Bags	Weight (pounds)	Bags	Weight (pounds)
1	94		10 – 14
2	188		18 – 28
3	282		28 – 42
4	376	1	55
5	470	1	55
6	564	1	55

MetaMax PA is one product in the family of MetaMax materials designed to improve all types of cement-based products.

Note: When using color pigments and/or calcium chloride, Metamax should be added after the calcium chloride is dissolved but before color pigments are added.

Use other MetaMax[®] products for . . .

- Shotcrete
- Gunite
- Cool Decks
- Coping
- Mortars and Grouts
- Or any cement-based product

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