

NuCrete III

CONCRETE BRIGHTENER

NuCrete III is a supplementary cementitious material that improves the performance and appearance of Portland cement concrete and cement-based products. When added to a concrete mixture, NuCrete III reacts with calcium hydroxide, a byproduct of cement hydration, to form additional cementitious material. As a result, NuCrete III increases the strength and durability of the concrete.

Unlike most supplementary cementitious materials, NuCrete III is a white powder that brightens concrete. It improves the appearance of concrete by creating a richer, creamier cement paste that enhances concrete workability and allows you to create higher quality finishes. Plus, it reduces surface imperfections including mottling, cracking and efflorescence.

NuCrete III is recommended for use in ready-mix and precast concrete, concrete masonry units, glass fiber reinforced concrete (GFRC), and other Portland cement-based products where exceptional performance or aesthetics are required. It increases the strength of concrete and reduces its porosity to produce concrete that is more resistant to corrosion, efflorescence, alkali-silica reaction, and other detrimental processes. NuCrete III is especially suitable for use in white and colored concrete.

NuCrete III is added as a percentage of the cement. For improvement of strength and reduction of permeability the recommended starting point is 5% based upon the mass of cement. For increased chemical resistance or control of alkali-silica reactivity (ASR), higher concentrations 15-20% of NuCrete III are recommended.

Mixing: NuCrete III should generally be added to a concrete batch after cement.

Placing and Finishing: Concrete made with NuCrete III can be placed and finished using conventional concrete techniques.

Store in cool dry place.

Material may be slippery when wet.

Avoid generating or breathing dust.

Avoid contact with eyes.

Use with adequate ventilation.

Wash thoroughly after handling.

Health	0
Flammability	0
Stability	0

Wonder Paint Inc

249 Old Zion Church Road

Woodburn, KY 42170

ph/fax 270 529-3816

www.wonderpaint.com