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Sonneborn®



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

CONCRETE

SONOCRETE®

TRIMIX-NCA

Non-chloride multi-purpose admixture for concrete, mortar, and stucco

Where to Use Trimix NCA

- Concrete
- Mortar
- Cement-based stucco mixes

Features

- Accelerates initial and final set...
- Non-chloride...
- Increases workability, decreases bleed water and segregation

Benefits

- Enables cold weather placement of concrete
- Improves early freeze-thaw resistance
- Will not corrode reinforcing steel
- Shortens finishing time, saves labor costs

Order Information

- Packaging
Trimix-NCA
- 5 gallon pails
 - 55 gallon drums

How to Use Trimix-NCA

Application for Concrete

1. For temperatures between 25°F and 65°F; normal dosage rates will be between 12 and 75 ounces per 100 lbs. of cement. Actual dosage rate will depend on the degree of acceleration desired. Cooler concrete mix temperatures will slow the rate of initial set and higher mix temperatures will accelerate the rate of set; determine dosage rates accordingly.

Add Trimix-NCA directly to the gauging water. Do not dispense Trimix-NCA directly into dry cement.

2. Mix immediately for at least 2-3 minutes and place concrete within 1 hour.
3. To maintain slump, water requirements of Trimix-NCA modified concrete may be reduced by approximately 10%

temperature during the time of placement and 48 hours following. Normal dosage rates will be between 12 and 75 ounces of Trimix-NCA per 100 lbs. of masonry cement, depending on temperature, degree of acceleration, and water reduction desired.

2. Trimix-NCA is added directly to the gauging water. Mix thoroughly for 2-3 minutes and place before material becomes excessively stiff.
3. When temperatures are

expected to be at or below 25°F for 24 hours or longer, supplemental protection and artificial heat are recommended in addition to the use of Trimix-NCA. See "Recommended Practices and Guides Specifications for Cold Weather Masonry Construction," published by the International Masonry Industry All-Weather Council

Clean Up

Clean all tools and equipment with water.

Application for Masonry Mortar

1. Dosage rates depend on the

SONOCRETE®

FRICTEX

Slip-resistant hard aggregate for concrete floors and pavement surfaces

Features

- Wear, abrasion, impact resistance
- Rustproof, noncorrosive
- Bonds with cement past in concrete
- Slip resistant
- Unaffected by harsh cleaners

- Ensures longer surface life
- Ideal for wet and damp areas
- Becomes integral part of floor
- Improves safety in wet areas
- Ease of cleaning

Benefits

Application

FRICTEX H

Heavy-Duty traffic areas

- 1) Prepare a dry mixture of 4 parts FRICTEX H and 1 part Portland cement (by weight) and mix until uniform. Use 0.6 lbs. of this mixture per sq. ft. (2.93 kg per m²).
- 2) After concrete has been placed, screeded, and floated, and after surface (bleed) water has evaporated, sprinkle one-half of the FRICTEX H material (referenced above) uniformly over surface and float to embed aggregates.
- 3) When surface water has again evaporated, apply the remaining one-half of the dryshake.
- 4) Float to desired finish.

Light to moderate traffic areas

- 1) Soak FRICTEX H aggregate in clean water for 10 minutes and allow to drain to prevent excess

absorption of mixing water by aggregate. At least 0.25 lbs. of aggregate per sq. ft. (1.23 kg per m²) is required.

- 2) After concrete has been placed, screeded, and floated, make 1 steel trowel pass before dry-shake. As soon as surface (bleed) water evaporates, sprinkle FRICTEX H uniformly over surface in 1 application and embed it in concrete with float.
- 3) If surface is too smooth, do not apply any type of curing compound. Wet cure the slab 3 to 7 days. The floor must then be roughened to expose a portion of the aggregate by pressure washing, sand blasting, shot blasting, or wire brushing.

FRICTEX NS

- 1) Soak FRICTEX NS aggregate in clean water for 10 minutes and allow to drain to prevent excessive absorption of mixing water by aggregate. Use

FRICTEX NS

- 95% aluminum oxide aggregate

FRICTEX H

- Aggregate blending consisting primarily of silicon dioxide, aluminum oxide, and ferrous oxide

minimum of 0.25 lbs. of aggregate per sq. ft. (1.23 kg/m²).

- 2) After concrete has been placed, screeded, and leveled, it must be allowed to set until it can bear the weight of workmen on boards—then sprinkle FRICTEX NS uniformly over surface in 1 application.
- 3) Immediately float aggregate into concrete and float to desired finish.

Curing

FRICTEX-treated floors may be water, sheet, or membrane cured. When no other surface treatments are required, use an appropriate Sonneborn curing compound.

When anticipating use of Lapidolith, use water or sheet curing only.

Order Information

- Packaging
FRICTEX H - 50 lb. bags
FRICTEX NS - 100 lb. bags