

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

Qualified Stabilizer Agents for Mixer Drum Wash Water

These products are qualified for holding a concrete truck overnight after it is empty and is not intended to hold concrete overnight.

SourceProduct

BASF, Inc.
23700 Chagrin Blvd.
Cleveland, Ohio 44122
Dick Morrow
1-843-325-6050

Master Set DELVO (Products #1)
or Master Set DELVO ESC

Fritz PAK Corporation
4821 Eastover Circle
Mesquite, TX 75149
Jane W. Ojeda, PhD
1-214-221-9494

Fritz-Pak (Product #2)

Qualified Products #1

Master Set Delvo Stabilizer by BASF Inc. methods:

1. The ready-mix truck should be empty of any returned concrete.
2. Add 35-70 gallons (130-265 L) of water to the truck drum. Dispense DELVO Stabilizer admixture or DELVO ESC admixture into the concrete washwater for overnight or weekend stabilization requirements.
3. Return the stabilized concrete washwater to the front of the drum and mix at high speed for 1 minute.
4. Back up the stabilized concrete washwater quickly to the rear of the drum creating a "wave-action" for maximum fine cleaning. This should be done 3 to 4 times or as recommended.
5. Return the stabilized concrete washwater to the front of the drum and mix at high speed for 1 minute. During mixing, wash down the back rear drum fins with water from the truck hose. Use no more than 5 gallons (19 L) of water. Park the truck for the night or weekend with the drum safety hatch at the 3 or 9 o'clock position.

6. The next day, or after a weekend, reduce the water content of the fresh manufactured concrete by the amount of water added in Step #2 for each treated truck.

A Batchman Log Sheet for each mixer shall be maintained and signed by responsible ready mix plant personnel indicating that the above methods have been strictly adhered to. A proper Batchman Log Sheet is the form "Delvo-5" by BASF. A copy of this form is attached at the approval policy.

Qualified Product #2

Fritz-Pak Mini Delayed Set by Fritz PAK Corporation

1. After discharging all plastic concrete, wash down rear drum fins and chutes. (Do not add water to drum).
2. Remove protective outer bag and add one container of Fritz-Pak Mini Delayed Set for each 16 hours of wash water stabilization required.
3. Add 115 to 190 liters of water to the mixer.
4. Mix wash water and Mini Delayed Set at high speed for 2 1/2 minutes.
5. Reverse drum to coat rear fin assembly. Do not discharge washwater.
6. Mix wash water at high speed for an additional 2 1/2 minutes. (5 minutes total).
7. If mixer drum is truck mounted, park the truck and cover the drum opening in order to prevent the addition of rain water.
8. The next time concrete is batched, subtract the (actual gallons) added wash water and proceed with normal mixing procedures.
9. Maintain a Mixer Batch Log Sheet.

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