



HydraStop™ P

Hydration Stabilizer

General Description

Concrete starts its hydration reaction from the time the dry cement has initial contact with the batch water. Extended haul times, excess drum revolutions, temperature and time delays can cause concrete to perform substandard to its intended application.

HydraStop P can be used to offset these adverse factors and produce acceptable concrete in these conditions. HydraStop P is especially helpful in the summer months when hydration is accelerated due to higher ambient and mix temperatures.

Advantages:

- Ability to service jobsites at extended travel times from mixing plant
- Helps maintain slump and proper set times of freshly produced concrete over extended haul times and increased ambient temperatures.
- Aids in controlling concrete temperature when a maximum mix temperature is specified.
- Concrete performance properties are still maintained while exceeding the requirements of ASTM, AASHTO and CRD specifications

Procedures for Use:

Follow these instructions carefully:

- After concrete has been thoroughly mixed, determine temperature of the concrete.
- Calculate the dosage per cubic yard using the table on this page.
- After HydraStop P has been added to the concrete; mix truck for 2 minutes at fast mixing speed and 5 minutes at normal mixing speed.

The following warranty chart contains HydraStop P dosage recommendations for extended haul times and jobsite delays. These are recommendations only because materials may vary. It is therefore, recommended that trial batches be run to determine exact dosage requirements.

*Not intended to be used for retardation times longer than chart recommendations. Always dose HydraStop P by the full bag. If calculation is less than a full bag, round up so the dosage is in full bags.

Please consult with your local Riteks technical service representative for further assistance.

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Packaging/Storage

5 gallon pail • 55 gallon drum
Totes • Bulk deliveries

Store between 32° F & 100° F. Product should be used within 12 months of delivery.

Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

RECOMMENDED DOSAGE CHART (Bags of HydraStop P Per Yard of Concrete)

Concrete Temperature	Retardation (hours)				
	0-.5	.5-1.0	1.0-1.5	1.5-2.0	2.0-2.5
100-109	0.15	0.15	0.2	0.3	0.3
90-99	0.1	0.15	0.15	0.2	0.3
80-89	0.1	0.1	0.15	0.2	0.25
70-79	0.1	0.1	0.15	0.15	0.2
60-69	0.1	0.1	0.15	0.15	0.2



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