

## PRODUCT DESCRIPTION

Akona® Premium Concrete/Masonry Set Accelerator is a ASTM C494, Type C, non-chloride, non-corrosive, liquid that improves workability and initial strength while it reduces the hydration time of cement. The product is recommended for use during cooler weather to accelerate set time and reduce the risk of frozen mortar and concrete mixes. It is also recommended for use when early strength gain is desired to speed up construction. Premium Concrete/Masonry Set Accelerator provides a reduced curing time, faster set time, and increased early strength. The product speeds finishing operations in any weather condition without any corrosive effects.

## WHEN/WHERE TO USE

- Interior or exterior
- Concrete and masonry projects
- To accelerate cement set time to decrease project time
- Freeze thaw conditions

## ADVANTAGES

- Non-Chloride Accelerator
- Non-Corrosive
- Meets ASTM C494 *Standard Specification for Chemical Admixtures for Concrete*
- Increases early compressive strengths of concrete or mortar
- Increases workability of concrete or mortar
- Accelerates initial/final set and curing time for concrete and mortar
- Allows earlier finishing of concrete and removal of concrete forms

## AVAILABLE SIZE

- 1 qt. (0.95 L) bottle (BOM #103963)

KEEP FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

### Helpful Items:



## MIXING AND APPLICATION

Read all instructions before starting work. Slowly stir product before use. Do not create bubbles or foaming by shaking the product. In most cases, substitute recommended "water addition" with equal amount of Premium Concrete/Masonry Set Accelerator or follow packaged product manufacturer instructions for proper ratio. Intended for use when temperature is 20°F (-7°C) or higher and a faster set is desired. Follow typical water addition mixing instructions on the applicable cement, concrete or mortar bag. Combine the recommended amount of Premium Concrete/Masonry Set Accelerator with sufficient water to provide the desired consistency of the mix. Premium Concrete/Masonry Set Accelerator is added directly to the mix water. Reduce the amount of water proportionally to compensate for the liquid addition. This product affects only the Portland cement portion of the mix and is not antifreeze for the water portion. Protect the unused bottle of Premium Concrete/Masonry Set Accelerator from freezing.

*Proper application and installation of all AKONA products are the responsibility of the end user.*



## WARNING

Always read the product SDS and cautionary statements on product container prior to application. Avoid contact with eyes and skin. If contact with eyes occurs, flood eyes repeatedly with clean water and see a physician immediately. Wear proper protective gear as advised on the label and/or SDS. Wash hands thoroughly with warm, soapy water after handling or before eating. Do not take internally. KEEP OUT OF REACH OF CHILDREN.

## WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

**Table I: Typical Addition Ratio**

Product:	Suggested Rate*:
94 lbs. (42.6 kg) Portland Cement	2 qt. / 64 oz. (1.9 L)
70-75lbs. (32-34 kg) Masonry Cement	1 qt. / 32 oz. (0.95 L)
80 lbs. (36.6 kg) Pre-blended Mortar	½ qt. / 16 oz. (0.48 L)
60 lbs. (27.2 kg) Pre-blended Concrete	¼ qt. / 8 oz. (0.24 L)

\* Typical addition ratio can be adjusted to achieve desired results

**Table II: Typical Set Time Properties:**

Set Time	60 lbs. Concrete Mix		Masonry Mortar—Type S		Masonry Mortar—Type N	
	Control:	Akona Set Accelerator:	Control:	Akona Set Accelerator:	Control:	Akona Set Accelerator:
Initial Set (hr:min)	3:30	2:35	2:50	1:45	3:45	2:10
Final Set (hr:min)	5:10	4:10	5:00	3:20	7:00	5:00