

SPECIALTY ADMIXTURES

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EUCON™ STASIS

CEMENT HYDRATION STABILIZER / SET RETARDING ADMIXTURE



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums and 5 gal (18.9 L) pails

SHELF LIFE

2 years in original, unopened container

SPECIFICATION/COMPLIANCES

ASTM C494 Type B & D
ANSI / NSF STD 61

DESCRIPTION

EUCON STASIS is a dual purpose liquid chemical admixture formulated to retard concrete for extended periods of time and can be used to stabilize the wash out water in the drum of a ready mix truck and a central batch mixer at the plant. EUCON STASIS will virtually stop the hydration of cement during hot weather or extended pumping operations and can be used as a water reducing set retarding admixture. When used in combination with other water reducing and or water reducing set retardation admixtures can control 8 - 10" slump and retain them for 2 hours or more. EUCON STASIS prevents normal hydration of the portland cement for up to 96 hours depending upon the dosage rate used. EUCON STASIS contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Eliminates the need to use 200 to 300 gal (757 to 1136 liters) of water to wash out VS. 50 gal (189 L) with EUCON STASIS
- Environmental hazards reduced because wash out water is used as batch water for the next load of concrete rather than going into settling ponds
- Wash out time is decreased with rapid cleansing action of EUCON STASIS
- Saves wash out water
- Eliminates wash out pits
- Reduces clean up time
- Superior set retardation
- Reduces water requirements
- Retains slump life for 2 hours or more

PRIMARY APPLICATIONS

- Stabilize wash out water
- Concrete requiring water reducing and set retardation
- Concrete requiring extended slump life

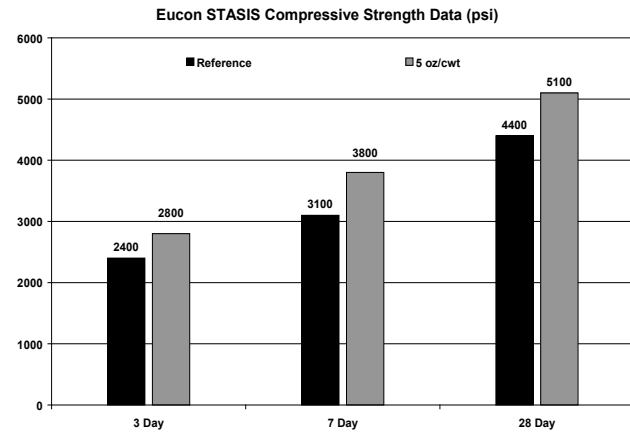
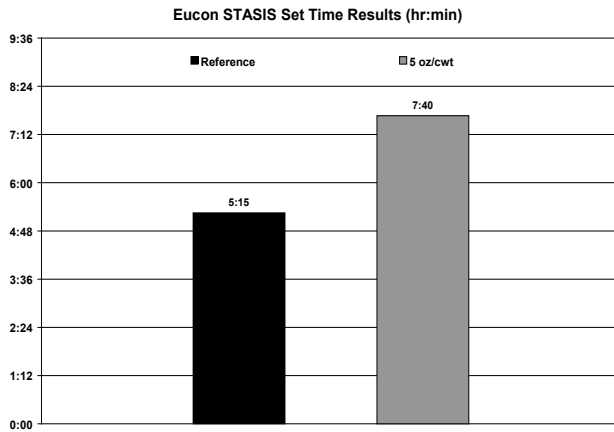
PRECAUTIONS/LIMITATIONS

- Wear protective goggles and gloves when handling EUCON STASIS
- Add to mix independent of other admixtures.
- Care should be taken to maintain EUCON STASIS above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Do not agitate with air.
- In all case, consult the Safety Data Sheet before use.

TECHNICAL INFORMATION

PERFORMANCE DATA

The following test results were achieved using typical ASTM C494 mix design requirements, 517 lb/yd³ (307 kg/m³) cement content and similar (± 0.5)% air content. These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C494. Changes in materials and mix designs can affect the dosage response.



Holding Time per 50 gal (190 L) of wash out water:

	Dosage Rate
8 - 12 hours	1 pt (0.5 L)
Overnight	1 qt (0.9 L)
Weekend	2 qt (1.9 L)

DIRECTIONS FOR USE

Cement Stabilizer

Discharge all returned or left over concrete. Add 40 to 50 gal (150 to 190 L) of water to the empty ready mix drum. Rinse fins by reversing the drum to back the water to the rear of the drum. Add the required EUCON STASIS directly to the wash water. Bring the EUCON STASIS wash water to the front of the drum and mix at high speeds for at least 60 seconds. Again, reverse the drum and rinse off the mixer fins. Return the rinse water to the front of the mixer and again mix at high speed for 60 seconds.

Concrete Admixture

EUCON STASIS should be added to the sand or water. Dosage rates for EUCON STASIS are 1 - 16 oz/100 lbs (65 - 1040 ml/100 kg) of cementitious material. It should not come in contact with dry cement or other admixtures until mixed in the concrete batch.

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