



# EUCON 727

## SET RETARDING/WATER REDUCING ADMIXTURE

### DESCRIPTION

**EUCON 727** is a water reducing, retarding, strength increasing liquid admixture for concrete that complies to ASTM C494, Type D requirements.

### FEATURES/BENEFITS

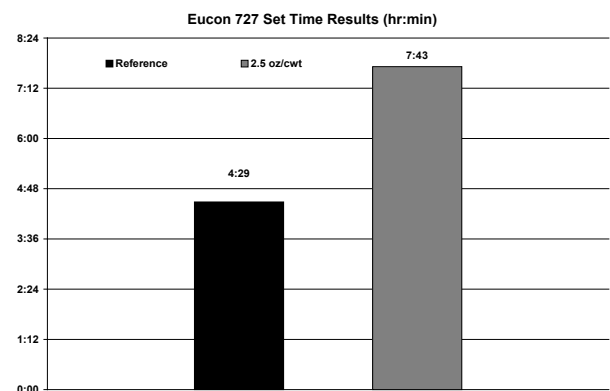
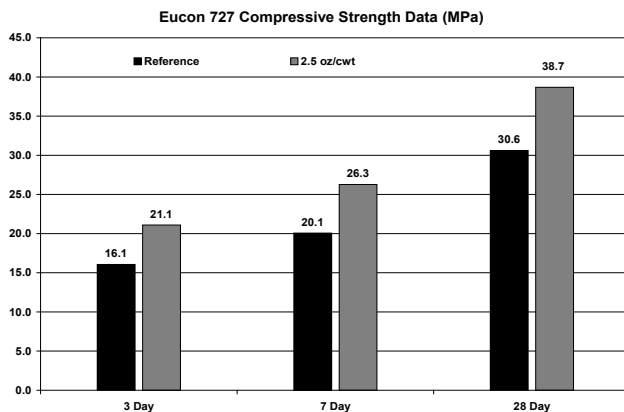
- EUCON 727 reduces water requirements from 4 to 8% depending on dosage and cementitious material characteristics.
- The synergy created when EUCON 727 is combined with water reducers such as EUCON WR-75, EUCON WR or EUCON DX helps to control concrete setting time in hot weather.
- EUCON 727 has almost no influence on entrained air volume.
- EUCON 727 retards initial setting time of concrete
- EUCON 727 will generally increase compressive strengths from 15 to 25%
- EUCON 727 is particularly suited for warm weather concreting and for concrete mixes with high cementitious material contents.

### TECHNICAL INFORMATION

#### Performance Data

The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd<sup>3</sup> (307 kg/m<sup>3</sup>) cement content and similar ( $\pm 0.5$ )% air content.

These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C 494. Changes in materials and mix designs can affect the dosage response of EUCON 727.



## PACKAGING

EUCON 727 is available in bulk as well as in containers of 1000, 205 or 20 L.

## SHELF LIFE

1 year in original, unopened package.

## SPECIFICATIONS/COMPLIANCES

- EUCON 727 meets all requirements of ASTM C 494 Type D.
- EUCON 727 is approved by the Quebec and Ontario Ministry of Transportation.

## DIRECTIONS FOR USE

EUCON 727 should ideally be introduced in the mix a few seconds after the water reducer or cementitious-water contact if used without another water reducer. This will ensure a better reaction with the cementitious material particles and then maximize the retardation effect. It should not be in direct contact with dry cement. Always add independently of other admixtures.

The dosage varies upon the desired effect, the cementitious material (quantity, type and source), concrete and ambient temperatures. Also, the dosage could vary if EUCON 727 is used in conjunction with another water reducing admixture.

Set retarding, Type D : 125 mL/100 kg of cementitious material.

Example: Addition rate of 50 mL/100 kg of cementitious material of EUCON 727 in a concrete that already contains a regular dose of water reducer can retard setting time from 1 to 3 hours, depending on the characteristics of the cementitious material. EUCON 727 used alone at a dosage of 175 mL/100 kg of cementitious material will retard setting time for 2 to 3 hours when compared to a concrete without any admixture, depending on the characteristics of the cementitious material.

The effect of the total dosage must be verified in a concrete batch prior to job site concreting. Contact your EUCLID representative to get the necessary information for the use of EUCON 727 for your particular conditions.

## PRECAUTIONS/LIMITATIONS

- Keep from freezing.
- EUCON 727 is not W.H.M.I.S. regulated.
- In all cases, consult Safety Data Sheet before use.

Rev. 11.14

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