



# EUCON SURESHOT

## HIGH PERFORMANCE SHOTCRETE COAGULANT

SHOTCRETE

EUCON SURESHOT

### DESCRIPTION

**EUCON SURESHOT** is a liquid, high performance accelerator. This admixture has been specifically engineered to give high early and ultimate compressive strengths in shotcrete applications. **EUCON SURESHOT** can be adjusted to give the optimum setting characteristics in different environments. **EUCON SURESHOT** contains no added chlorides or chemicals known to promote the corrosion of steel.

### PRIMARY APPLICATIONS

- Tunnel applications
- Mining applications
- Annulus grout acceleration
- Ground and slope stabilization

### FEATURES/BENEFITS

- Quick setting characteristics
- Powerful enough for multiple, thick sprayed linings
- Effective at low doses
- Improves early strength very quickly
- Reduce rebound, especially when shooting overhead

### TECHNICAL INFORMATION

#### Physical Data

Color.....Clear  
 Specific Gravity.....1.34  
 pH.....11.5  
 Solubility in water.....100%  
 Chloride content.....Less than 0.1%

#### Performance Characteristics

Accelerator Dosage	Initial Set	Final Set
6%	5 min	15 - 20 min
4%	9 min	20 - 30 min
3%	Greater than 20 min	Greater than 45 min

#### 24 Hour Strength

7 - 9 MPa.....1025 - 1310 psi  
 5 - 7 MPa.....730 - 1025 psi  
 Below 5 MPa.....Less than 730 psi

### SPECIFICATIONS/COMPLIANCES

Eucon Sureshot meets the requirements of ASTM C 1141

## PACKAGING

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EUCON SURESHOT is available in 275 gal (1041 L) totes and 55 gal (208 L) drums.

## SHELF LIFE

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1 year in original, unopened package.

## DOSAGE

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EUCON SURESHOT is used at dosage rates ranging from 3% to 8% by weight of cement. Dosages will vary depending on desired effect, ambient conditions and mix materials used. Overdosing greater than 8% may lower ultimate compressive strengths.

## DIRECTIONS FOR USE

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EUCON SURESHOT is added through the shotcrete nozzle. For best results The Euclid Chemical Company recommends dosing EUCON SURESHOT using either a progressive cavity or peristaltic pump. Ensure that pump and lines are cleaned thoroughly with a vinegar-water solution before using the same pump for dosing an alkali-free accelerator.

After using EUCON SURESHOT, clean equipment thoroughly with water. Failure to do so could cause pump blockage and/or breakdown.

## PRECAUTIONS/LIMITATIONS

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EUCON SURESHOT should be stored above 40°F (4°C) and below 85°F (29°C).

- Do not use EUCON SURESHOT with any other manufacturer's accelerator.
- In all cases, consult the Safety Data Sheet before use.

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