



# THE EUCLID CHEMICAL COMPANY

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# EUCOLITH 133



## ADMIXTURE FOR ZERO SLUMP PRECAST CONCRETE

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**EUCOLITH 133** is a plasticizing, water-reducing admixture designed for use in machine formed precast concrete products. This admixture is designed for use in zero slump concrete only. EUCOLITH 133 enhances the consolidation characteristics of zero slump concrete producing uniform surfaces and reducing machine time. The plasticizing effect along with the water reduction significantly improves early and ultimate strengths. EUCOLITH 133 does not contain any added chloride ions and is non-corrosive.

### PRIMARY APPLICATIONS

- Hollow core plank
- Manholes and catch basins
- Concrete pipe

### FEATURES / BENEFITS

- Higher early strengths
- Higher ultimate strengths
- Improved product appearance
- Reduced patching
- Reduced seconds and breakage
- Reduced cracking

### TECHNICAL INFORMATION

#### **Typical Engineering Data**

#### **Typical Early Strength Results**

	<b>1 day</b>	<b>2 day</b>	<b>4 day</b>
Plain mix	3740 psi (25.8 MPa)	4180 psi (28.8 MPa)	4340 psi (29.9 MPa)
EUCOLITH 133 mix	5180 psi (35.7 MPa)	5830 psi (40.2 MPa)	6280 psi (43.3 MPa)

Shelf life is 2 years in original, unopened package.

### PACKAGING

EUCOLITH 133 is packaged in bulk, 275 gal (1041 liter) totes, 55 gal (208 liter) drums and 5 gal (18.9 liter) pails.

### DIRECTIONS FOR USE

EUCOLITH 133 is used at a rate of 12 to 20 oz per 100 lb (750-1250 ml per 100 kg) of cement.

EUCOLITH 133 should be added to the concrete batch just prior to or at the beginning of the water addition to the batch.

EUCOLITH 133 should be stored above 32°F (0°C).

### PRECAUTIONS / LIMITATIONS

- Protect from freezing.
- If material has frozen, warm material to 70°F (21°C) and agitate for 6-8 hours.

Form Eucolith 133-6.97

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