

## Description

POLYHEED 867 is a multicomponent mid-range water-reducing admixture, free of chlorides, designed to produce:

1. Mid-range water reduction (5 to 15%) and an excellent performance through a wide slump range, especially in difficult concrete slump ranges such as 150 to 200 mm.
2. Increases the setting time of concrete along the recommended dosage range.
3. Improves workability, pumpability and finishing even in mixes with low content of cementitious materials and/or of mixes containing fly ash.
4. Development of comparable strengths with water reducing and retarding admixtures.
5. Better performance with a wide range of cements, fly ash, aggregates and granulated slag.

## Applications

POLYHEED 867 is recommended for any concrete where extend setting time, workability and superior finish is required, particularly in warm climates. POLYHEED 867 can be used in architectural concrete and colored concrete. POLYHEED 867 can be used with air entraining admixtures, as long as the ASTM, AASHTO and CRD specifications are met.

# POLYHEED® 867

## Mid-range water-reducing and set retarding admixture

### Features

- Reduces the content of water for a given slump
- Enhances setting time features.
- Increase compressive and flexural strength development.

### Benefits

POLYHEED 867 helps to produce a quality concrete with the following special benefits:

- Superior workability and pumpability in applications in warm climates.
- Reduces the bleeding and segregation.
- Improves finishing characteristics in flat, poured and extruded surfaces. (extruding machines).
- Consistent performance in concretes with low slumps, mid range slumps of (150 to 200 mm) and high range slumps.

### Guidelines for Use

POLYHEED 867 meets the requirement of ASTM C494 standard for water reducing admixtures Type A, retarding admixtures Type B and water reducing and retarding Type D.

POLYHEED 867 is effective, used as a sole additive or as part of a system of additives of BASF.

### Dosage

POLYHEED 867 has a recommended dosage range of 350 to 900 ml for each 100 kg of cementitious material, for most concrete mixtures. BASF does not recommend to use dosages out of the established range without before doing field trials. Contact your local BASF representative to determine the optimum dosage range for your application.

### Non-Chloride, Non-Corrosive

POLYHEED 867 does not contain calcium chloride added or any other chemical agent that contain chlorides, and will neither initiate nor promote corrosion of reinforcing and prestressing steel embedded in concrete.

### Compatibility

Do not use the POLYHEED 867 admixture with naphthalene base admixtures. Some erratic behaviors in the slump or movement of the slump may occur.

### Product Note

- The adequate application of the product is responsibility of the user. Any field visit done by BASF personnel has as sole purpose to make technical recommendations and not to supervise or to quality control the job site.

# Product: POLYHEED® 867

## Packaging

POLYHEED 867 is supplied in 55 gal (208 l) drums, 1040L totems and by bulk delivery.

## Storage

Avoid to storing the product under direct contact with sun and in high temperatures.

## Shelf Life

The shelf life of POLYHEED 867 is of 12 months as a minimum, if maintained in its original containers closed and stored in dry and fresh area.

## Health and Safety

Check the Material Safety Data Sheet (MSDS) for this product

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