

Description

POLYHEED 849 is multicomponent mid-range water-reducing admixture, free of chlorides, formatted to produce:

1. Mid-range water reduction (5 to 15%) and an excellent performance through a wide slump range.
2. Increases the setting time of concrete along the recommended dosage range .
3. Improves workability, pumpability and finishing quality, even with cementitious materials and/ or mixes that contain fly ash or natural pozzolans.
4. Development of comparable strengths with water reducing and retarding admixtures.
5. Better performance with a wide range of cements, natural pozzolans, fly ash, aggregates and granulated slag.

POLYHEED 849 meets the requirement of ASTM C494 for water reducing admixtures Type A, retarding admixtures Type B and water reducing and retarding Type D.

Applications

POLYHEED 849 is recommended for any concrete where extend setting time, workability and superior finish is required, particularly in warm climates. Polyheed 849 is recommended for high volumes of concrete that need extended setting and workability.

POLYHEED 849 can be used with air entraining admixtures, as long as the ASTM, AASHTO and CRD specifications are met.

POLYHEED® 849

Mid-range water-reducing and set retarding admixture

Features

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

Benefits

POLYHEED 849 helps to produce a quality concrete with the following special benefits:

- Superior workability and pumpability in applications in warm climates with high humidity.
- Consistent performance in concrete with slumps under (25 to 100mm), mid-range slump (150 to 200 mm) and high range slumps.

POLYHEED 849 is effective, used as a sole additive or as part of a system of additives of BASF.

Guidelines for Use

Dosage

POLYHEED 849 has a recommended dosage range of 300 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 849 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.

Technical Data

Physical State	Liquid
Color	Dark Brown
Gravity	1.120 - 1.150 (20-30 °C)
pH	8.7 - 10.5 (25 °C)

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® 849

Packaging

POLYHEED® 849 is supplied in 55 gal (205 l) drums, 1040L totes or 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 849 is of 18 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

LIMITED WARRANTY NOTICE Every reasonable effort is made to apply BASF exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager.

This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF disclaims all WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

For professional use only. Not for sale to or use by the general public.

BASF Corporation
Construction Chemicals
23700 Chagrin Blvd
Cleveland, OH, USA, 44122
1-216-839-7550

Costa Rica
506-2440-9110
www.centroamerica.basf-cc.com

Panamá
507-300-1360

Puerto Rico
1-787-258-2737
www.caribbean.basf-cc.com

Rep. Dominicana
809-334-1026
www.basf-cc.com.do