

Description

POLYHEED 789 is a liquid, ready-to-use, mid range water-reducing admixture that maintains workability performance in high temperature environments. POLYHEED 789 meets ASTM C-494 Type B & D, AASHTO M 194 and CRD C-87 specification requirements.

Applications

- Whenever concrete needs extension of setting time and workability.
- When slump requirements for concrete are of mid range 6 to 8 in (15 to 20 cm).
- Concrete mixes using a wide variety of portland cements or cement additives.
- Roll compacted concretes for construction of dams and pavements.
- Mixes of soil cements with extended initial setting time.

POLYHEED® 789

Mid range water-reducer and retardant admixture

Features

- Reduces segregation in high to medium slump concrete.
- 12 to 20% water reduction and excellent performance in a high range of slumps, particularly 10 to 20 cm (4 to 8 inches).
- Improved workability characteristics, pumping and finishing of concrete mixes with low amounts of cements.
- Setting characteristics slightly retarded within recommended dosages.

Benefits

- Better performance with a large variety of cement types, fly ash, granulated slag and aggregates, including crushed coarse sand and aggregates.
- Increased freeze-thaw resistance.
- Increased compressive and flexural strength during its working time. útil.

Usage Characteristics

Dosage

POLYHEED 789 is applied at a range of 4 to 8 ml per kg de cementitious material (6 to 12 oz.fl per 100 lb of cementitious material) on conventional concretes. In cases o mixes with low cement contents and compacted with rolls, the dosage can vary according to the initial and final retired setting time desired from 4 to 18ml per kg of cementitious material (6 to 28 oz.fl per 100 lb). For usage of different dosages from the recommended range, consult your local BASF representative.

Corrosivity - Non-Chloride, Non-Corrosive

POLYHEED 789 admixture will neither initiate nor promote corrosion of reinforcing steel in concrete. This admixture does not contain intentionally-added calcium chloride or other chloride-based ingredients.

Storage Temperature

If POLYHEED 789 freezes, thaw at 2°C (35°F) or above and completely reconstitute by mild mechanical agitation. Do not use pressurized air for agitation.

Compatibility

POLYHEED 789 admixture can be used in combination with any BASF admixtures. When used in conjunction with other admixtures, each admixture must be dispensed separately into the mix. POLYHEED 777 admixture can be used with air entrainer admixtures if it meets ASTM, AASHTO and CRD requirements.

Technical Data

Physical state	Liquid
Color	Dark brown
Density, 25°C (77°F)	1,14 ± 0,014 g/ml
pH	10 ± 1

Producto: POLYHEED® 789

Packaging

POLYHEED 789 is supplied in 208 (55 gal) drums, or by bulk delivery.

Storage

POLYHEED 789 should be stored in original unopened containers at above 0°C (32°F) temperature.

Shelf Life

POLYHEED 789 admixture has a minimum shelf life of 18 months. Depending on storage conditions, the shelf life may be greater than stated.

Safety

POLYHEED 789 does not contain hazardous substances that should be indicated on the label. If it used safety when industry standard precautions are followed, such as wearing gloves, safety goggles, etc.

The aforesaid information represents the best of our knowledge and is not based solely on the lab work but also on the experience in the field. However, given the different factors that affect the results, we provide this information without warranty and without assuming any manifested liability.

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