

Description

Masterpave liquid admixture is expressly recommended for use in concrete paving.

Masterpave admixture meets ASTM C 494/C 494M requirements for Type A, water-reducing, Type B, retarding, and Type D, water-reducing and retarding admixtures.

Applications

Recommended for use in:

- All paving-related concrete requiring controlled setting characteristics

MASTERPAVE®

Paving Admixture

Features

- Reduced water content required for a given workability
- Controlled setting characteristics – normal or retarded

Benefits

- Increased compressive and flexural strength
- Improved workability
- Reduced segregation
- Flexibility in the scheduling of placing and finishing operations
- Offsets effects of early stiffening during extended delays between mixing and placing

Performance Characteristics

Rate of Hardening: Factors including concrete and ambient temperatures affect the hardening rate of concrete. At higher temperatures, concrete stiffens more rapidly which may cause problems with placing and finishing. The dosage of Masterpave admixture can be varied to provide the desired setting characteristics.

Guidelines for Use

Dosage: Masterpave admixture is recommended for use within a dosage range of 3-6 fl oz/cwt (195-390 mL/100 kg) of cementitious materials as a Type A admixture and up to 10 fl oz/cwt (650 mL/100 kg) as a Type B or D admixture, for most concrete mixtures using typical concrete ingredients. Because of variations in job conditions and concrete materials, dosages other than the recommended amounts may be required. In such cases, contact your BASF Construction Chemicals representative.

Product Notes

Corrosivity – Non-Chloride, Non-Corrosive: Masterpave 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.

Compatibility: Masterpave admixture may be used in combination with any BASF Construction Chemicals admixtures. When used in conjunction with other admixtures, each admixture must be dispensed separately into the concrete mixture.

Product Data: MASTERPAVE®

Storage and Handling

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

Shelf Life: Masterpave admixture has a minimum shelf life of 18 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact your BASF Construction Chemicals representative regarding suitability for use and dosage recommendations if the shelf life of Masterpave admixture has been exceeded.

Packaging

Masterpave admixture is supplied in 55 gal (208 L) drums, 275 gal (1040 L) totes, and by bulk delivery.

Related Documents

Material Safety Data Sheets: Masterpave admixture.

Additional Information

For additional information on Masterpave admixture or on its use in developing a concrete mixture with special performance characteristics, contact your BASF Construction Chemicals representative.

The Admixture Systems business of BASF Construction Chemicals is a leading provider of innovative additives for specialty concrete used in the ready mix, precast, manufactured concrete products, underground construction and paving markets throughout the NAFTA region. The Company's respected Master Builders brand products are used to improve the placing, pumping, finishing, appearance and performance characteristics of concrete.

BASF Construction Chemicals, LLC

Admixture Systems

www.masterbuilders.com

United States 23700 Chagrin Boulevard, Cleveland, Ohio 44122-5544 • Tel: 800 628-9990 • Fax: 216 839-8821

Canada 1800 Clark Boulevard, Brampton, Ontario L6T 4M7 • Tel: 800 387-5862 • Fax: 905 792-0651

© Construction Research & Technology GMBH

© BASF Construction Chemicals, LLC 2007 • Printed in USA • 09/08 • LIT # 1017042

**Master
Builders**