

MASTERPAVE™ +

Concrete admixture

DESCRIPTION:

MASTERPAVE™ + ready-to-use, liquid admixture is for making more uniform and predictable quality concrete. It meets ASTM C 494 requirements for Type A, water-reducing admixtures, specifically:

- Increased strength—compressive and flexural
- Relative durability to damage from freezing and thawing—well above industry standards
- Reduced water content required for a given workability
- Normal-setting characteristics

ADVANTAGES:

Concrete with MASTERPAVE + admixture sets at a rate comparable to plain concrete while providing the following special qualities:

- Improved workability
- Reduced segregation
- Superior finishing characteristics for flatwork and cast surfaces
- Effective as a singular admixture or as a component in a Master Builders Admixture System

WHERE TO USE:

MASTERPAVE + admixture is recommended for use in concrete where improved normal-setting characteristics are desired.

As a result of the preceding advantages, this admixture improves pumped concrete, slip formed concrete and conventionally placed concretes.

MASTERPAVE + admixture can be used with portland cements approved under AASHTO, ASTM and CRD specifications. The use of MASTERPAVE + admixture and a Master Builders air-entraining admixture is recommended whenever concrete is required to withstand freezing and thawing cycles. When used in conjunction with another admixture, each admixture must be dispensed separately into the mix.

MASTERPAVE + admixture will not initiate or promote corrosion of reinforcing steel in concrete. This admixture does not contain intentionally added calcium chloride or chloride-based ingredients. The admixture, due to chlorides originating from all the ingredients used in its manufacture, contributes less than 0.00024% (2.4 ppm) chloride ions by mass of the cement when used at the rate of 1 fl oz per 100 lb (65 mL per 100 kg) of cement.

QUANTITY TO USE:

MASTERPAVE + admixture is recommended for use at a rate of 5 ± 2 fl oz per 100 lb (325 ± 130 ml per 100 kg) of cement for most concrete mixes using average concrete ingredients. Because of variations in job conditions and concrete materials, dosage rates other than the recommended amounts may be required. In such cases, contact your local Master Builders representative.

PACKAGING:

MASTERPAVE + admixture is supplied in 55 U.S. gallon (208 liter) drums and by bulk delivery.

TEMPERATURE PRECAUTION:

If MASTERPAVE + admixture freezes, thaw at temperatures above 35 °F (2 °C) and completely reconstitute by mild mechanical agitation. **Do not use pressurized air for agitation.**

For additional information on MASTERPAVE + admixture or on its use in developing a concrete mix with special performance characteristics, contact your local Master Builders representative.

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