

MASTERPAVE™

Admixture for paving concrete

DESCRIPTION:

MASTERPAVE™ is a ready-to-use, liquid admixture expressly recommended for pavement 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:

MASTERPAVE admixture aids in the production of concrete which has the following special qualities in the plastic and hardened states:

Plastic Concrete

- Improved texturing characteristics
- Greater edge stability and slump control
- Improved workability using less water
- Reduced segregation
- Increased placing rate

Hardened Concrete

- Increased compressive and flexural strengths
- Higher early strength

WHERE TO USE:

This admixture can be used in all paving-related concrete requiring normal set in combination with all the benefits of an effective, water-reducing admixture.

MASTERPAVE admixture can be used with all air-entraining admixtures—including those manufactured by Master Builders—approved under AASHTO, CRD and ASTM specifications. 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 a maximum of 0.0002% (2.0 ppm) chloride ions by weight 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 4 to 6 fl oz per 100 lb (260 to 390 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 bulk.

TEMPERATURE PRECAUTION:

Care should be taken to prevent MASTERPAVE from freezing. If it freezes, thaw at 35 °F (2 °C) or above 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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