

POZZOLITH® 122-N

Concrete admixture

DESCRIPTION:

POZZOLITH® 122-N 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
- Improved normal-setting characteristics

ADVANTAGES:

Concrete with POZZOLITH 122-N 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:

POZZOLITH 122-N admixture is recommended for use in concrete where normal-setting characteristics are desired.

As a result of the above advantages, this admixture improves pumped concrete, shotcrete (wet mix), and conventionally placed concretes. It improves plain, reinforced, precast, lightweight or standard weight concrete.

POZZOLITH 122-N admixture can be used with portland cements approved under AASHTO, ASTM and CRD specifications. The use of POZZOLITH 122-N admixture and a Master Builders air-entraining admixture is recommended whenever concrete is required to withstand freeze/thaw cycles. When used in conjunction with another admixture, each admixture must be dispensed separately into the mix. By itself, POZZOLITH 122-N admixture does not entrain air.

POZZOLITH 122-N admixture can be used in white or colored concrete and in architectural concrete.

NOTE: POZZOLITH 122-N admixture contains intentionally added calcium chloride. The admixture, due to chlorides originating from all the ingredients used in its manufacture, contributes less than 0.0113% 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. This represents about 0.0057% by weight of cement of water-soluble chloride ions in the hardened concrete at a 28-day age (FHWA Test Procedure for Chlorides in Concrete). The ACI Building Code Requirements for Reinforced Concrete (ACI 318-89) stipulate limits for water-soluble chloride ions in concrete for specific applications.

When applications limit the use of POZZOLITH 122-N admixture, Master Builders can furnish special, nonchloride, normal-setting admixtures.

QUANTITY TO USE:

POZZOLITH 122-N admixture is recommended for use at a rate of 3 to 9 fl oz per 100 lb (195 to 590 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:

POZZOLITH 122-N admixture is supplied in 55 U.S. gallon (208 liter) drums and by bulk delivery.

TEMPERATURE PRECAUTION:

If POZZOLITH 122-N admixture has frozen, thaw at 35 °F (2 °C) or above and completely reconstitute by mild mechanical agitation. **Do not use pressurized air for agitation.**

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