

POZZOLITH® NC 534

Non-chloride accelerating admixture

DESCRIPTION:

POZZOLITH® NC 534 ready-to-use, non-chloride liquid admixture is formulated to accelerate time of setting and to increase early and ultimate strengths in cold weather. POZZOLITH NC 534 does not contain calcium chloride and is formulated to comply with ASTM C 494 Type C accelerating admixture requirements.

POZZOLITH NC 534 non-chloride admixture is recommended for use whenever it is desirable to accelerate the time of setting of concrete and to increase its early and ultimate compressive and flexural strength.

ADVANTAGES:

POZZOLITH NC 534 non-chloride admixture provides the following advantages:

- Accelerated setting time across a wide range of temperatures
- Earlier finishing of flatwork
- Earlier stripping and reuse of forms
- Earlier finishing of slabs – reduced labor costs
- Increased early and ultimate compressive and flexural strength

WHERE TO USE:

POZZOLITH NC 534 non-chloride admixture is recommended for use in concrete applications where accelerated time of setting and increased early strengths are desired.

RECOMMENDED DOSAGE RATE:

POZZOLITH NC 534 non-chloride admixture may be used at dosage rates ranging from 10 to 45 fl oz/cwt (650 to 2940 mL/100kg) of cement.

USE WITH OTHER ADMIXTURES:

POZZOLITH NC 534 non-chloride admixture can be used as a singular admixture or as a component in a Master Builders admixture system. When used with other admixtures, each admixture must be dispensed separately into the mix.

PACKAGING:

POZZOLITH NC 534 admixture is supplied in 55 U.S. gallon (208 Liter) drums and by bulk delivery.

TEMPERATURE PRECAUTION:

Store at 5 °F (-15 °C) or above. If POZZOLITH NC 534 non-chloride admixture freezes, thaw at 35 °F (2 °C) or above and completely reconstitute by mild mechanical agitation.

Do not use pressurized air for agitation.

NON-CHLORIDE, NON-CORROSIVE:

POZZOLITH NC 534 non-chloride admixture will neither initiate nor promote corrosion of reinforcing steel embedded in concrete, prestressed concrete or concrete placed on galvanized steel floor and roof systems. Calcium chloride is not an added ingredient in the manufacture of POZZOLITH NC 534 non-chloride admixture. Based on the chlorides originating from all ingredients used in its manufacture, POZZOLITH NC 534 non-chloride admixture contributes less than 0.000045% (0.45 ppm) chloride ions by mass of cement when used at a dosage rate of 1 fl oz per 100 lb (65 mL per 100 kg) of cement.

For additional information on POZZOLITH NC 534 non-chloride admixture contact your local Master Builders representative.

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