

# POZZOLITH<sup>®</sup> 322Ni

Strength increasing admixture

## DESCRIPTION

**POZZOLITH 322Ni** is a ready-to-use, liquid admixture for producing better, more uniform, quality concrete. It reduces the quantity of mixing water required to produce concrete of a given consistency, with greater economy, for a given strength.

It meets and exceeds AS 1478.1 Type WR and ASTM C 494 Type A requirements for admixtures.

## RECOMMENDED FOR

**POZZOLITH 322Ni** is recommended for use in concrete where normal or retarded setting characteristics and improved performance are desired. It improves pumped concrete, shotcrete (wet mix) and conventionally placed concretes. It also improves plain, reinforced, precast, prestressed, lightweight or standard weight concretes.

**POZZOLITH 322Ni** can be used with air-entraining agents approved under AS 1478.1 Specifications when air-entrained concrete is specified or desired. While **POZZOLITH 322Ni** entrains negligible air, it improves the efficiency of most air-entraining admixtures and will generally result in the need for less air-entraining admixture.

BASF approved air-entraining admixture Micro-Air is recommended for use with **POZZOLITH 322Ni** admixture when air-entrained concrete is specified or desired.

When used in conjunction with another admixture each admixture must be dispensed separately into the mix.

## FEATURES AND BENEFITS

**POZZOLITH 322Ni** aids in the production of concrete with these special qualities in both the plastic and hardened states.

### In the plastic concrete:

- improved finishing characteristics for flatwork and cast surfaces
- improved workability (using less water)
- reduced segregation
- greater pumpability

### In the hardened concrete:

- better finished appearance
- increased strength (compressive, flexural and bond of concrete to steel)
- reduced permeability - improved watertightness
- greater durability

## QUANTITY TO USE

**POZZOLITH 322Ni** is used at the rate of 300±100ml per 100kg of cementitious material.

## COMPRESSIVE STRENGTH

**POZZOLITH 322Ni** develops higher early and ultimate strengths while providing normal or retarded setting characteristics. **POZZOLITH 322Ni** exceeds the strength requirements of AS 1478.1 and ASTM C 494.

## PACKAGING

**POZZOLITH 322Ni** is supplied in sealed 205 litre drums and bulk delivery.

For additional information on **POZZOLITH 322Ni** and its use in developing a concrete mix with special performance characteristics, contact your local BASF Technical Sales Representative.

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF **Material Safety Data Sheet (MSDS)** from our office or our website.



The Chemical Company

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**AP322Ni/8/0711**

## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF**, are responsible for carrying out procedures appropriate to a specific application.

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