



The Chemical Company

POZZOLITH[®] 122HE

Set accelerating concrete improving admixture

DESCRIPTION

POZZOLITH 122HE is a liquid admixture designed to accelerate the setting time of concrete while producing high early and ultimate strengths.

POZZOLITH 122HE fully meets the requirements and complies with ASTM C494 for Types C and E admixtures.

POZZOLITH 122HE is compatible with all cements meeting recognised international standards.

RECOMMENDED FOR

POZZOLITH 122HE is recommended for use in concrete where accelerated set and improved performance are required.

FEATURES AND BENEFITS

Reduce water content Increased early and ultimate strengths.

Accelerated setting time Reduced protection time in cold weather.

High early strength Earlier stripping and reuse of forms for precast work. .

Improved workability and cohesiveness Better concrete quality.

TYPICAL PERFORMANCE DATA

Concrete containing **POZZOLITH 122HE** develops higher early and ultimate strengths than plain concrete. With Type III cement or calcium chloride mixes, **POZZOLITH 122HE** admixtures also increase concrete strength at all ages.

Rate of hardening

The graph illustrates and serves as a guide to the hardening rates of concretes at variable concrete and air temperatures at different dosages of **POZZOLITH 122HE**. Trial mixes should be made with job materials to determine the dosage required for a given degree of acceleration.

APPLICATION

POZZOLITH 122HE can be added to the concrete with the mixing water.

DOSAGE

POZZOLITH 122HE is used at the rate of 1,000 to 3,000 ml per 100 kg of cementitious materials. As the dosage of **POZZOLITH 122HE** is increased up to 3,000 ml, acceleration of the setting time continues. This larger dosage further increases early and ultimate strengths.

Consult local BASF Construction Chemicals field representatives for assistance in determining dosage.

PACKAGING

POZZOLITH 122HE is supplied in 205L drums or bulk delivery.

SHELF LIFE

POZZOLITH 122HE can be stored for 12 months if stored at temperatures above 0°C in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

PRECAUTIONS

Health : **POZZOLITH 122HE** does not contain any hazardous substances requiring labelling.

It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc.

For detailed Health, Safety and Environmental recommendations, please consult and follow all instructions in the product Material Safety Data Sheet.

BASF Construction Chemicals offices in ASEAN

Singapore

Tel :+65-6861-6766
Fax :+65-6861-3186

Malaysia

Tel :+60-3-5628-3388
Fax :+60-3-7847-6781

Indonesia

Tel :+62-21-893-4339
Fax :+62-21-893-4342

Thailand

Tel :+66-2204-9427
Fax :+66-2664-9267

Vietnam

Tel :+84-650-743-100
Fax :+84-650-743-200

Philippines

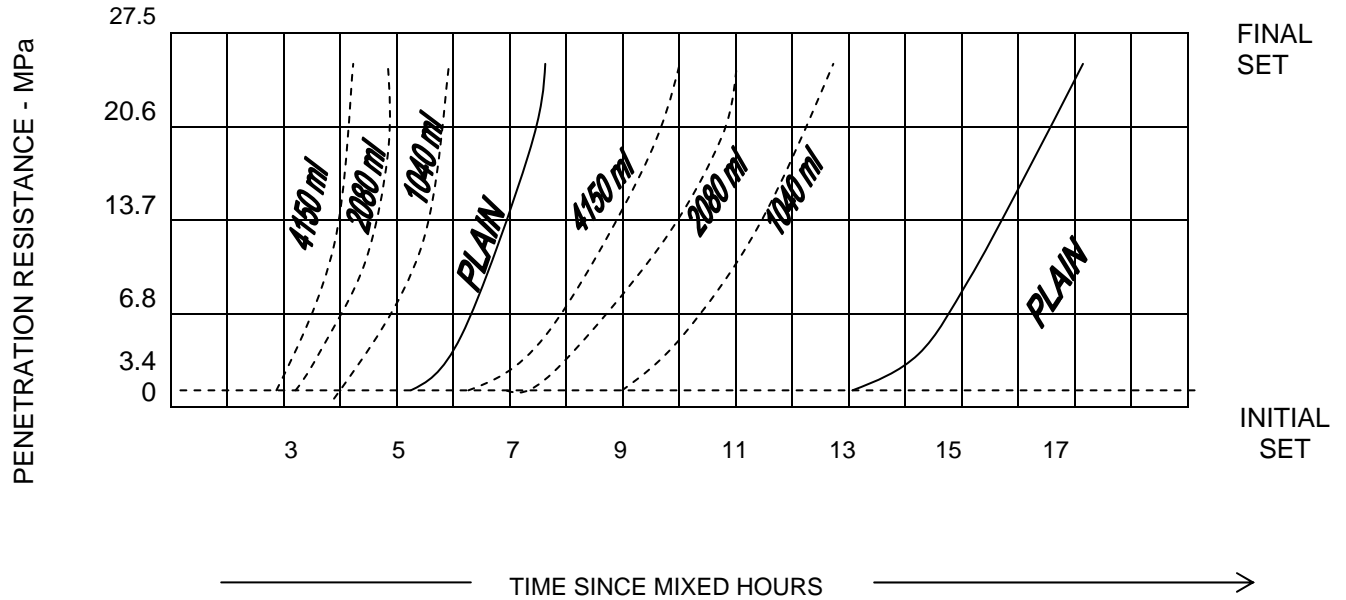
Tel :+63-2-889-4321
Fax :+63-2-889-4361



The Chemical Company

POZZOLITH[®] 122HE

ACCELERATED SETTING WITH POZZOLITH 122HE ASTM C 403



(A) Conc. Temp 28°C
Air Temp. 22° C

(B) Conc. Temp. 7°C
Air Temp. 7°C

1-1-3-0208

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** 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 Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.