

Water reducing/plasticizing admixture

Description of Product

Pozzolith[®] 365 is a ready-to-use, high performance liquid admixture, which imparts high strength gain and extends the slump life of concrete. Pozzolith[®] 365 at a recommended dosage provides excellent water reduction and provides high early and ultimate strengths. Pozzolith[®] 365 is formulated from a selected blend of organic derivatives.

Pozzolith[®] 365 complies with:

- BS 5075, Part 1
- EN 934 - 2

Application

Pozzolith[®] 365 is supplied ready for use. The admixture should be added to the concrete mix at the same time as the water. Pozzolith[®] 365 should never be added directly to the cement. Pozzolith[®] 365 should not be used in conjunction with other admixtures without prior consultation with the BASF IBC Admixture Systems Technical Department.

Features and Benefits

Concrete manufactured using Pozzolith[®] 365 should have the following benefits: (Comparison to plain concrete)

- Reduced water / cement ratio for a given workability range.
- Improved cohesion.
- Denser, less permeable, more durable concrete.
- Increased compressive strength.
- Mixes which are more responsive to vibration.
- Extended slump life.

Fields of Applications

Pozzolith[®] 365 is suitable for use in the following applications:

- Readymix Concrete
- Pumped Concrete

Technical Data/Typical Properties

Appearance	Dark Brown Liquid
Specific gravity	1.19 – 1.20 @ 20°C
Air Entrainment	1% approx.
Chloride Ion Content	Nil
Freezing Point	-4°C
Alkali Content (as equivalent Na ² O)	0.6%
Sulphate Content as SO ³	0.9%

Application Procedure

Dosage

Pozzolith[®] 365 admixture is recommended for use at a rate of 0.20 - 0.50 litres per 100 kg of cement for most concrete mixes using average concrete ingredients. However, as a guide a dosage rate of 0.200 litres per 100 kg of cement is suggested as an initial starting point. Due to variations in site conditions and concrete materials, dosage rates other than those recommended may be required.

The manufacturer would advise that trial mixes should be undertaken, using job materials, in

simulated job conditions to determine suitable dosage rates and performance.

Over Dosage

Over-dosing using Pozzolith[®] 365 can cause the following effects:

- Considerable increases in workability
- Increased Air Entrainment
- Retardation of initial and final set

If over-dosing does occur please consult the BASF IBC Admixture Systems Technical Department for recommendations.

Packaging

Pozzolith[®] 365 admixture is supplied in 25 Litre, 210 Litre, 1000 Litre containers and Bulk.

Storage

Store away from direct sunlight in ambient temperatures and in dry conditions.

Shelf life

12 months in manufacturers sealed drums.

Watchpoints

If Pozzolith[®] 365 admixture has frozen, thaw at temperatures above 2°C and completely reconstitute by mild agitation. Do not use pressurised air for agitation.

Pozzolith[®] 365, BASF IBC Admixture Systems Limited, Version 1

Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Spillage

Chemical products can cause damage; clean spillage immediately.

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DISCLAIMER

"BASF IBC Admixture Systems Limited" (the Company) endeavours to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications. It is important that any prospective customer, user or specifier, satisfies him/her-self that the product is suitable for the specific application. In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product, which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.