

Water reducing/plasticizing admixture

Description of Product

Pozzolith[®] 699N is a ready to use liquid admixture for making better, more durable concrete. It significantly reduces the water content of concrete of a given slump. Pozzolith[®] 699N is extremely versatile in application and is effective over a wide range of mix designs and cement contents. Pozzolith[®] 699N is formulated from a carefully selected blend of synthetic and naturally derived raw materials.

Pozzolith[®] 699N complies with:
BS 5075, Part 1
EN 934 - 2

Application

Pozzolith[®] 699N is supplied ready for use. The admixture should be added to the concrete mix at the same time as the water. Pozzolith[®] 699N should never be added directly to the cement.

Pozzolith[®] 699N should not be used in conjunction with other admixtures without prior consultation with the BASF IBC Admixture Systems Technical Department.

Technical Data/Typical Properties

Appearance	Dark Brown Liquid
Specific gravity @ 20°C	1.18 - 1.19 g/cm ³
Chloride Ion content	Nil
Equivalent Na ₂ O	0.4%
Sulphate content as SO ₃	0.07%

Application Procedure

Dosage Rate

As a water reducing agent 0.20 to 0.60 litres per 100kg of cement. Trials may necessary to determine the most suitable dosage to suit specific requirements.

The manufacturer would advise that trial mixes should be undertaken, using job materials, in simulated job conditions to determine suitable dosage rates and performance.

Features and Benefits

Pozzolith[®] 699N aids in the production of concrete, in both the plastic and hardened state.

In Plastic Concrete

Reduced water/cement ratio for given workability.
Better cohesion, reduces risk of segregation and bleeding.
Helps prevent plastic shrinkage cracking.

In Hardened Concrete

Increased compressive strength.
Reduced permeability.
Increased durability.
Superior finished appearance.
Reduced cracking and crazing.

Fields of Applications

Pozzolith[®] 699N is suitable for use in the following applications:

Readymix Concrete.
Pumped Concrete.

Over Dosage

Over-dosing using Pozzolith[®] 699N 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.



The Chemical Company

POZZOLITH[®] 699N

Packaging

Pozzolith[®] 699N 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[®] 699N admixture has frozen, thaw at temperatures above 2°C and completely reconstitute by mild agitation. Do not use pressurised air for agitation.

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Pozzolith[®] 699N, 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.

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.