

MasterPozzolith® 80

Strength increasing admixture

DESCRIPTION

MasterPozzolith 80 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 Type WR, requirements for admixtures.

RECOMMENDED USES

MasterPozzolith 80 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. **MasterPozzolith 80** is an excellent water reducer to use where low drying shrinkage concrete is desired.

MasterPozzolith 80 can be used with air-entraining agents approved under AS 1478 Specifications when air-entrained concrete is specified or desired. While **MasterPozzolith 80** 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 MasterAir is recommended for use with **MasterPozzolith 80** 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

MasterPozzolith 80 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
- Reduced drying shrinkage

DOSAGE

MasterPozzolith 80 is used at the rate of 400±100ml per 100kg of cementitious material.

COMPRESSIVE STRENGTH

In comparison to plain concrete, a mix containing **MasterPozzolith 80** develops higher early and ultimate strengths while providing normal or retarded setting characteristics. **MasterPozzolith 80** exceeds the strength requirements of AS 1478.

PACKAGING

MasterPozzolith 80 is available in 1000 litre pallecons and bulk delivery.

STORAGE / SHELF LIFE

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Store protected against freezing. Protect from direct sunlight.

Storage stability: Storage temperature: 5 - 50 °C
The packed product is not damaged by low temperatures or by frost. The packed product will not be damaged by high temperatures.

MasterPozzolith 80 has a shelf life of 12 months.

PRECAUTIONS

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



We create chemistry

MasterPozzolith[®] 80

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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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