

MONOSET BS



Plasticizing admixture for manufactured concrete products

DESCRIPTION

Monoset BS is a chloride free, premium quality plasticizing admixture based on polycarboxylic polymers with selective additives which are especially formulated for machine-made (dry-cast) concrete products.

Monoset BS can significantly assist in the production of more uniform and consistent quality concrete products.

APPLICATIONS

MONSET BS is suitable for use in the following applications:

- » Dry cast concrete.
- » Concrete pavers, patio products.
- » Concrete blocks and bricks.
- » Concrete roofing tiles.
- » Dry-Cast concrete pipes.

ADVANTAGES

- » Improves the cohesion of the concrete mix.
- » Extends the mold's life.
- » Improves compressive strength.
- » Reduces water absorption.

COMPATIBILITY

MONSET BS is suitable to use with all types of Portland cement and cement replacement materials.

MONSET BS should not be used in conjunction with other admixtures unless STARKE Technical Department approval is obtained.

METHOD OF USE

MONSET BS should be added to the concrete with the mixing water to achieve optimum performance. An automatic dispenser should be used to dispense the correct quantity of MONOSET BS to the concrete mix.

DOSAGE

MONSET BS The recommended dosage of MONOSET BS is 250-500ml/50kg of cement content

Representative trials should be first conducted to determine the optimum dosage of MONOSET BS to meet the performance requirements by using the materials and conditions in actual use

TECHNICAL PROPERTIES @ 70OF (210C)

Color:	Light yellow liquid
Freezing point:	≈ 23°F (-5°C)
Specific gravity:	1.04 ± 0.02
Chloride content:	Chloride-free

EFFECTS OF OVERDOSAGE

Overdosage of MONOSET BS will cause the following:

- » Increase in workability.

CLEANING

MONSET BS can be cleaned with fresh cold water.

PACKAGING

MONSET BS is available in 20 litre containers as well as 200litre & 1000litres IBC totes. Bulk supply in tanker trucks is also available upon request.

STORAGE

MONSET BS has a shelf life of 12 months from date of manufacture if stored at temperatures between 35°F and 122°F (2°C and 50°C).

If these conditions are exceeded, contact starke Technical Department for advice.

CAUTIONS

Health and Safety

MONSET BS is not classified as a hazardous material.

MONSET BS should not come into contact with skin and eyes. In case of contact with eyes, immediately flush with plenty of water and seek medical attention.

For further information refer to the Material Safety Data Sheet.

FIRE

MONOCRETE LWP is nonflammable.

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- **Concrete admixtures.**
- **Surface treatments**
- **Grouts and anchors.**
- **Concrete repair.**
- **Flooring Coating**
- **Sealants.**
- **Waterproofing.**
- **Adhesives.**



Important note :

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.

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