

# Fosroc® Auramix 100



constructive solutions

## Mid-range water reducing /superplasticising admixture

### Uses

- To substantially reduce the water demand of a concrete mix without the loss of workability
- To substantially increase the workability of a concrete mix without increasing the water demand.
- Specially formulated towards the ready mix market for its robust, consistent performance over a wide range of concrete grades.

### Advantages

- Increased early and final strengths
- Excellent workability retention with no set retardation
- Chloride free. Ideal for concrete containing embedded steel.
- Versatile performance over various concrete grades.
- Reduced shrinkage and permeability
- For use in low and high workability concrete

### Description

Auramix 100 is specially designed water reducing admixture for the ready mix market and is based on selected lignosulphonates and the latest generation of polycarboxylate polymers. It is supplied as a low viscosity brown solution which instantly disperses in water.

### Typical Dosage

The optimum dosage of Auramix 100 to meet specific requirements should always be determined by trials using the materials and conditions that will be in use.

The typical dosage range for Auramix 100 is 0.3 to 1.32 litres / 100kg of cementitious content.

### Dispensing

The correct quantity of Auramix 100 should be measured by means of a suitable dispenser at the time.

## Properties

Appearance:	Brown liquid
Specific gravity:	1.06 kg/litre @ 20 °C
PH:	7.0 (+/- 1)
Chloride content:	Nil to BS 5075
Alkali content:	Typically less than 0.5% w/w

## Compatibility

### With cements

Auramix 100 is suitable for use with all types of Portland cement and cement replacement materials e.g. GGBS, PFA and micro silica.

### With other admixtures

Auramix 100 is compatible with other admixtures in the Fosroc range. Admixtures should never be premixed prior to their addition to the concrete mix.

Contact the Fosroc Technical Department for further advice on the effects of various admixtures.

### Effects of overdosing

Overdosing above the recommended dosage range may promote segregation, excessive bleeding and increased air entrainment of the concrete mix. In the event of a suspected overdose please consult the Fosroc Technical Department.

### Packaging

Auramix 100 is available in bulk supply or 20 litre drums.

### Storage

Auramix 100 has a minimum shelf life of 12 months provided the temperature is within 2 to 50°C.

If Auramix 100 becomes frozen the material should be fully thawed and mixed until homogenous before use.

### Precautions

### Health and safety

For further information refer to the appropriate safety data-sheet available at [www.fosroc.com](http://www.fosroc.com).

### Fire

Auramix 100 is water based and non – flammable.



#### Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification of 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 of information given by it.

## Fosroc Limited

Drayton Manor Business Park  
Coleshill Road, Tamworth,  
Staffordshire B78 3XN. UK

[www.fosroc.com](http://www.fosroc.com)

telephone:  
+44 0 (1827) 262222

fax:  
+44 0 (1827) 262444

email:  
[enquiryuk@fosroc.com](mailto:enquiryuk@fosroc.com)

