

# Eucoplacant 721

**High performance viscosity modifying agent (VMA) for stable and homogeneous flowing concrete, mortars and grouts.**

## Advantages

Eucoplacant 721 is particularly suitable for self compacting concrete applications. It gives excellent stability to hydraulic binder based materials. Eucoplacant 721 limits bleeding, segregation and sedimentation of concrete, mortars and grouts.

In particular, it makes possible to manufacture concrete with high fluidity being able to be placed by gravity, without any means of vibration.

The addition of VMA allows to obtain concrete with high quality surface finish, and also allows to remove some of the harmful effects related to the use of mechanical means of placing (noise etc.)

## Areas of application

Eucoplacant 721 is compatible with all cements meeting ASTM and European standards. For more details, contact Fosroc Technical Services.

- Self compacting concrete and mortars
- Buildings
- Structures
- Precast
- industrial Grounds
- Concrete and mortars sensitive to segregation and bleeding
- Grouts containing ultra fine binders
- Shells containing highly dense steel reinforcement
- Underwater concrete.

## Properties

Nature	Liquid
Colour	Brown
Specific gravity at 20°C	1.33
pH	8.0 - 10.5 @ 27°C
Chloride content	< 0.1 %

## Application Instructions

Eucoplacant 721 can be added into the mixing water or into the wet concrete. The superplasticisers is added simultaneously with the VMA or delayed.

Eucoplacant 721 is totally compatible with the other admixtures of Fosroc range.

All normal placing processes of the concrete will have to be adapted to ensure delivery of concrete into moulds and formwork.

For best result, the concrete mix design must be optimised.

## Dosage

Eucoplacant 721 is recommended to be used at a dosage of 0.05 to 1.0% by weight of cement depending on the applications. In order to meet some specific requirements of concrete, the dosage of Eucoplacant 721 must always be determined by trials using the materials and conditions that will be encountered on site.

Normally, it depends on the diameter of the coarsest aggregates and the quantity of fine elements (lower than 80 microns).

## Estimating

## Packaging

Eucoplacant 721 is supplied in 200L drums.

## Storage

Eucoplacant 721 has a shelf life of 24 months in its original packaging.

## Precautions

## Health & Safety

Eucoplacant 721 is non toxic. Any splashes should be washed off with water. If contact with eyes occurs, wash immediately with water and seek medical advice.

## Fire

Eucoplacant 721 is non flammable.

## Handling precautions

Keep away from freezing.

Stir the product or role the barrels before use.

It is advised to use a membrane pneumatic pump or a peristaltic pump.

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## Additional information

Technical data and guidance can be provided on wide range of admixtures and concreting aids, including plasticisers, superplasticisers, retarding admixture and accelerators, etc.

Separate datasheets are available on request.



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