

### Armix VMA

(Formerly known as MYK SAVEMIX VMA 50)

High Performance Viscosity Modifying Agent (VMA) for stable and Homogeneous Flowing Concrete, Mortars and Grouts



#### Uses

- Self compacting concrete and mortars
- Buildings
- Structures
- Precast
- industrial Grounds
- Concrete and mortars sensitive to segregation and Bleeding
- Grouts containing ultra fine binders

#### Features and Benefits

Armix VMA is particularly suitable for self compacting concrete applications. It gives excellent stability to hydraulic binder based materials. Armix VMA 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 Armix 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.)

#### Application Methodology

Armix VMA can be added into the mixing water or into the wet concrete. The super plasticizer is added simultaneously with the VMA 50 or delayed. Armix VMA is totally compatible with the other admixtures of MYK Arment 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 optimized.

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#### Technical Data

Nature	A clear Liquid
Specific gravity at 20°C	1.0 – 1.1 kg/L
pH	Approx. 8.0
Chloride content	< 0.1 %

#### Consumption

Armix VMA is recommended to be used at a dosage of 0.1 to 1.5 % by weight of cement depending on the applications. In order to meet some specific requirements of concrete, the dosage of Armix VMA 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).

#### Packaging

Armix VMA is supplied in 20 kg pail & 200 kg drums.

#### Storage and Shelf Life

Armix VMA has a shelf life of 12 months in its original packaging.



## TECHNICAL DATA SHEET

#### Health & Safety

Armix VMA 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

Armix VMA is non flammable.

Keep away from freezing.  
Stir the product or roll the barrels before use.  
It is advised to use a membrane pneumatic pump or a Peristaltic pump.

#### Product Categories Available



#### Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.