

MasterAir® 125

(Micro AIR 125)

Air-entraining Admixture based on surfactants for Concrete Mixes with High Grade of Freeze-Thaw Resistance.

MasterAir 125 is used mainly for production of ready-mix concrete and precast concrete products in transport construction (including cement-concrete paving). It is efficiently used in industrial and civil construction, when there are stringent requirements for freeze-thaw resistance.

ADVANTAGES

- Efficient in combination with all types of cements and plasticizing admixtures;
- Low dosage requirements;
- Increases cohesion and workability of concrete mix;
- Have no impact on the setting of concrete;
- Lowers potentiality of segregation of concrete mix;
- Improves flowability of concrete mix;
- Substantially increases freeze-thaw resistance and waterproofing of concrete.

APPLICATION

Adding to dry mix is prohibited! Admixture should be introduced either with mixing water (preferably with the last third of water), or added to ready concrete mix upon introduction of all mixing water. It is not recommended to add using same batcher that was used for other admixtures. If other admixtures are used, MasterAir 125 should be last to be added, after all other admixtures. In any case sufficient mixing time should be spared upon adding the admixture. Laboratory tests should determine dosage for each specific case and air content should be monitored on regular basis when preparing concrete mix.

DOSAGE

Recommended dosage is 0.05-1% of cement mass. Exact quantity of admixture should be determined in laboratory by performing trial batches.

COMPATIBILITY

MasterAir 125 is compatible with viscosity modifier MasterMatrix 100, water-based micro silica suspension MasterLife 500 S, plasticizers of series MasterReobuild, MasterGlenium and MasterPozzolith.

Characteristics	Value
Appearance	Homogeneous liquid of red-brown color
Specific gravity, kg/m ³	990-1,030
pH	8-10
Cl-ion content, % wt., not more than	0.1

PACKAGING

MasterAir 125 is available in 20 kg cans, 200 kg drums and 1,000 kg containers.

SHELF LIFE

The minimum shelf life of the material in closed factory package is 12 months. It should be stored in conformity with manufacturer's instructions.

STORAGE CONDITIONS

The product should be stored at a temperature no lower than +5°C, in closed container. Avoid direct sunlight, protect against high temperatures. Non-compliance with recommended storage conditions may result in early damage of package or in modification of product characteristics.



We create chemistry

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SAFETY MEASURES AND TRANSPORTATION

There are no special requirements for the product application. It is recommended to use protection gloves. Wash with water upon skin contact. Avoid contact with mucosae, upon such contact wash with large amount of water. MasterAir 125 is a non-flammable and non-toxic product; therefore, there are no special recommendations for transportation.

Product is certified

Manufacturing conditions and specifics of use of our products are different for each case. We are able to provide only general instructions for use. These instructions are in line are based on our present knowledge and experience. Consumer is solely responsible for non-compliant use of the product. Specialists of BASF Construction Systems OOO should be contacted for additional information and recommendations.

Represented information is based on our current experience. In case of various factors affecting the result, information does not mean legal responsibility. For additional information, please contact your local advisor.

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