

MasterRheobuild[®] PC 3000

(Rheobuild PC 3000)

Superplasticizer Admixture for Precast concretes.

DESCRIPTION

MasterRheobuild PC 3000 is used for concrete mixes of any slump classes of pre-cast concretes, where early stripping and strengths are required. It is allowed using it for production of ready-mix concrete, where there is no need slump retention.

ADVANTAGES

- Super plasticizing effect;
- High water-reducing effect;
- Compatible with any type of cement;
- Low-sensitivity to quality of concrete raw materials;
- Improved early and final strength;
- Reduced duration and/or temperature of steam curing as results in saving of energy for vapor curing;
- Contains no chloride, does not cause corrosion of rebar;

APPLICATION

Adding to dry mix is prohibited! Admixture should be introduced with mixing water (preferably with the last third of water). The best results are obtained when the admixture is added to the concrete mix upon introduction of all mixing water. In any case sufficient mixing time should be ensured upon adding the admixture.

DOSAGE

Recommended dosage rate is 0.6-2% of cement mass. Exact quantity of admixture should be determined in laboratory by performing trial batches.

COMPATIBILITY

MasterRheobuild PC 3000 is compatible with air-entraining admixtures of MasterAir series, water-based micro silica suspension MasterLife 500 S and with plasticizers of MasterPozzolith series. When preparing concrete mix, it is not

recommended to combine with superplasticizers based on polycarboxylic ether, as it results in lower plasticizing effect and in greater consumption of admixture. When using other admixture they should be tested for their compatibility with MasterRheobuild PC 3000.

Characteristics	Value
Appearance	Homogenous liquid of dark-brown color
Specific gravity, at 20°C, g/cm ³	1.21-1.25
pH	7-11
CL-ion content, %wt., not more than	0.1

PACKAGING

MasterRheobuild PC 3000 is available in 1,200 kg containers and in Bulk.

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. Avoid direct sunlight, protect against high temperatures. Non-compliance with recommended storage conditions may result in modification of product characteristics.

SAFETY MEASURES AND TRANSPORTATION

There are no special requirements for the product handling. It is recommended to use protection gloves. Wash with water upon skin contact. Avoid contact with mucosae, upon such contact wash



We create chemistry

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with large amount of water. MasterRheobuild PC 3000 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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