

MasterCast[®] 765

Admixture for Semi-Dry and low plastic Concrete Mixes.

DESCRIPTION

MasterCast 765 is an admixture specially engineered for semi-dry and low plastic concrete mixes requiring fast stripping. It facilitates production process, accelerates strength gain. It contains no chlorine, does not cause corrosion of reinforcement.

The admixture is mainly used in production of hollow core slabs of semi-dry concrete mix using industrial equipment with continuous concrete supply system.

FIT 4 VALUE

MasterCast[®] 765 is a key component to FIT 4 VALUE concept.

FIT 4 VALUE considers the four elements essential for MCP Manufactures:

1. FIT for Economics
2. FIT for Performance
3. FIT for Aesthetics
4. FIT for Durability

Here, FIT means meeting every requirement for economics, performance, aesthetics and durability.

ADVANTAGES

- Optimized mix design;
- Improved early and final strength;
- Provides necessary plasticity to concrete mix before the moment of its setting;
- Decreases water/cement ratio, thus enhancing strength characteristics;
- Makes concrete mix more cohesive preventing breakage while pouring concrete;
- Lowers risk of segregation of concrete mix under intense vibration;
- Extends life of equipment due to lower friction between equipment and concrete;
- Enhances uniform distribution of density and strength through the entire formed surface.

APPLICATION

Adding to dry mix is prohibited! Admixture should be introduced either 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 0.2-0.6% of cement mass. Exact quantity of admixture should be determined in laboratory by performing trial batches.

COMPATIBILITY

MasterCast 765 is compatible with all types of cements and pigments. When using other admixture they should be tested for their compatibility with MasterCast 765.

Characteristics	Value
Appearance	Liquid of dark-brown color
Specific gravity at 20°C, kg/m ³	1,070-1,110
pH	6-8
CL-ion content, %wt., not more than	0.1

PACKAGING

MasterCast 765 is available in 1,000 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,



We create chemistry

MasterCast[®] 765

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

SAFETY MEASURES AND TRANSPORTATION

It is recommended to use protection gloves and glasses. Wash with water upon skin contact. Avoid contact with mucosae, upon such contact wash with large amount of water. MasterCast 765 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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