



Technisches Merkblatt

Technical leaflet TM BF BMFD 1

GENERAL DESCRIPTION

As one of the very few manufacturers, the BIOFIRM company has succeeded in developing a binder for use in building materials, silicate and dispersion paints and without the addition of acrylic resin or styrene in the process. In order to nevertheless develop a dispersion character, BIOFIRM has formulated a plant-based biological polymer in such a way that it forms an increased mutual cohesion via physical solidification.

PROPERTIES

BIOFIRM BINDER BFBM FD1 offers good wetting of solid materials without an impairment of the colour effect arising from it.

BIOFIRM BINDER BFBM FD1 contains no preservatives and is emission-free. The binder is highly alkaline and thus very mould-resistant.

Our density amounts to approximately 1.0 g/ml and our pH value approximately 10.

APPLICATION AREAS

BIOFIRM BINDER BFBM FD1 is an odourless binder for wetting filler materials in silicate paints without impairing the colour effect.

BIOFIRM BINDER BFBM FD1 is also suitable as a binder for building materials, fillers, waste products and loose materials.

USE

Introduce BIOFIRM BINDER BFBM FD1 according to the guideline formulation for the desired end product during production.

STORAGE

Store and transport BIOFIRM BINDER BFBM FD1 in a cool and frost-free place with the lid carefully closed.

Can be stored for up to 12 months.

FORM OF DELIVERY

1000 litre IBC

USAGE

Between 1 and 15 % of the total mass of the product.

CLEANING

Clean all working equipment and production machines immediately with water.

SAFETY NOTES

BIOFIRM BINDER BFBM FD1 is highly alkaline. Protect surfaces not to be treated (for example, glass, ceramics, wood, etc.) using the appropriate covering materials. Rinse and remove splashes on uncovered surfaces in the vicinity and those carrying traffic immediately with plenty of water. Protect eyes and skin from splashes. Wear gloves and safety goggles. Mask and cover adjoining surfaces properly. Ensure tools are clean and suitable. Keep out of the reach of children. Carefully close the container after use, so that it is airtight.

Special feature

The Biofirm Binder BFBM FD1 can be used differently for various applications.

The following physical and chemical properties can be varied:

- Viscosity
- Drying period
- Degree of consolidation / adhesive effect
- Film formation

DISPOSAL

Dispose of liquid product residues at collection points for old paints/varnishes or dispose of according to local regulations. Small quantities of residue and soaked work materials can be disposed of with the household rubbish after drying. Only recycle cleaned or completely empty packaging with dried out deposits or dispose of them according to local regulations. Packaging that cannot be cleaned or emptied properly should be treated and disposed of in the same way as the product.

NOTES

Upon publication of this data sheet, all previous information is no longer valid. Please take note of the current safety data sheet for other provisions.



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