



Technical Data Sheet

Item No.: LIGNOCELLULOSE FIBER

Product Overview

Lignocellulose Fiber (Wood Fiber) is a natural fibrous functional additive developed for dry-mix mortars and other cement- or gypsum-based construction materials. Its three-dimensional fiber structure helps improve water management, workability, consistency, anti-sag performance and crack control. It also supports more uniform distribution and stability of the mortar system during mixing and application.

Application performance

Desc	Level of improvement
Water retention	high
Workability	good
Anti-sag performance	good
Crack resistance	good
Rheology control	good

Recommended Applications

Recommended for wall putty/skim coat, plaster and render mortar, EIFS/ETICS base coat, dry-mix mortar, repair mortar, masonry mortar and other cement- or gypsum-based formulations requiring improved workability, water management, anti-sag performance and crack control.

operating guide

1. Add Lignocellulose Fiber together with the other dry components and mix sufficiently to ensure uniform fiber dispersion.
2. The appropriate addition level should be determined according to the formulation, application and required rheological performance.
3. After uniform dry dispersion, add the specified amount of water and continue mixing until a homogeneous mortar is obtained.

Typical Data

Desc	Range
Appearance	White to light yellow fibrous powder
Fiber length, mm	0.5-2.0
Bulk density, g/L	30-100
Moisture content, %	<=5.0
pH	6.0-8.0 (aqueous suspension)
Ash content, %	<=5.0
Water absorption	High - typical product characteristic

* The data listed above are typical values for the product series and should not be taken as an indication of a specific grade specification. Final values should be confirmed by the corresponding product COA.

Packing/Storage&Transportation;/Shelf Life

Standard Packing

20kg/Bag

Keep the package sealed and dry. Protect from moisture, direct sunlight, high temperature and mechanical damage during storage and transportation.

Shelf Life

Keep in dry and cool conditions for at least 12 months. If the product is stored beyond its shelf life, tests should be carried out to determine quality before use.

product safety

Handle in accordance with good industrial hygiene practice. For further information, see the Product Safety Data Sheet.

The above information and recommendations are based on our current experience and are for reference only. It does not exclude the responsibility of users to conduct their own tests.