

Product Description

La Bentonite Powder is a selectively mined high montmorillonite Sodium Bentonite produced under controlled conditions. La Bentonite Powder is a high quality Bentonite with well-balanced rheological properties, designed to fit with all necessities of diaphragm walling, pilling, pipe-jacking, tunneling or drilling.

Uses of Bentonite in Construction

La Bentonite Powder is a type of clay that has an ability to swell and gel when dispersed in water which is used in construction mainly in excavation and foundation works. The word Bentonite is a toponym taken from a place called Fort Benton in USA, where it was discovered as a clay ore.

Importance of Bentonite

La Bentonite Powder is of a great commercial importance possessing innate bleaching properties like fuller's earth, hence, it is also known as bleaching clay. Containing more than 85% clay mineral, montmorillonite, it is considered to be high plastic clay.

Product Information

Moisture	10 - 12 %
pH value with 2% bentonite	9 - 10.5
Liquid limit	500 %
March funnel viscosity	Min 35 sec
Sand content / Grit (wet method on mesh)	< 2.5 %

Product Applications:

- * High Viscosity helps the piling and directional drilling process
- * Good Gel strength also helps in Drilling process
- * Low Water Loss
- * High Liquid Limit

Advantages

- * Constant and controlled quality
- * High trench-stability and productivity
- * Improved geiling capability, Provides best lubricity
- * Reduced consumption Suitable for all kinds of soil surface
- * Good suspension capability

Mixing

Simply mix with water using an efficient mixer slowly and uniformly to the entire system. Ready to use within 10 min after mixing.

Delivery and Site Handling

La Bentonite Powder is typically supplied in 1 MT Jumbo bag or 50/25 Kgs Bag.

Storage

Store the material cool, dry and well ventilated. In originally sealed packages it can be stored for a minimum of 3 year.

Basis of Product Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Health & Safety

The product is flammable (flash point 42°C) and should be stored in a cool place out of direct sunlight. Proper care must be taken when applying the coatings. Wear protective clothing's, gloves and goggles ensure proper ventilation, if used in closed areas, keep away from source of ignition, avoid contact with skin, eyes or inhalation. In case of accidental eye contamination, rinse immediately with plenty of water and seek medical advice.

Refer to product Material safety Data sheet for detailed information.

The technical data given herein are the average values obtained on the test carried out on the material.

The tests are the industry standard for this type of material and comply with the criteria stipulated in ASTM.

Ecology

In liquid state form, material will contaminate water and soil. Dispose of product residues according to local regulations.

Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Important: Lacrete Durakem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Lacrete Durakem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



a JV with



Berryman Chemical Inc. USA

For Complaints/Suggestions:

Please write to our Customer Care Executive at
Lacrete Durakem (India) Pvt. Ltd.
SLV Arcade, 2nd Floor, No.136, 1st K Block,
Dr. Rajkumar Road, Rajaji Nagar, Bangalore 560 010.
Tel.: 080 - 4157 1956
E-mail: marketing@lgedurakem.com

Manufactured at:

Lacrete Durakem (India) Pvt. Ltd.
Plot No.154, KIABD Indl. Area, 2nd Phase,
Anatharasnahalli, Tumkur - 572106 Karnataka

www.lgedurakem.com



An ISO : 9001:2008 Accredited Company