



BENTOPASTE®

MULTIPURPOSE BENTONITE WATERPROOFING MASTIC



BentoPaste is an expanding and crack bridging isolation mastic formulated by mainly natural sodium bentonite, rubber compound and special polymer additives. It is a one component formulation requiring no need of mixture of additional water. BentoPaste is easy to apply either with the help of putty knife, trowel or by hand. It adheres to surface even in vertical applications and provides continuous impermeable waterproofing layer on the applied surfaces.

Even under direct sunlight or exposure to extreme weather conditions such as raining and winding, BentoPaste protects its initial setting on applied surfaces

APPLICATIONS



Waterproofing is a system that must be viewed as a whole. In order to ensure the whole waterproofing system is working in perfect harmony, all the complex construction details should be safely solved particularly with professional auxiliary materials.

APPLICATION AREAS

- > Terminating the waterproofing in ground/soil level.
- > Connections of different waterproofing materials.
- > Horizontal and vertical fillets inside and outside corners.
- > Isolations of pipe and facility penetrations.
- > Repairing of damaged waterproofing membranes.
- > Repairing of honey combs and segregations prior to waterproofing membrane installation.
- > Closing of rod holes before application of membranes.
- > Detailing pile caps and grade beams
- > Fixation of small waterproofing panels and heat insulation such as XPS and EPS.
- > Can be applied on concrete, masonry, wood and metal surfaces.

ADVANTAGES

> Fast and easy application

BentoPaste is a one component directly applied mastic over concrete or metal surfaces

> Flexible and safe solution

BentoPaste can easily take the shape of the details such as penetrations. It is vibration resistant; tar and bitumen free.

> Active throughout the life of the structure

Prevent corrosion on metal surfaces. It stays actively wet throughout the installation and after the application.

Substrate Preparation

There is no need for primer before application. BentoPaste can be directly applied to either dry or wet substrate. The surface should be free of dirt, dust, oil or other contaminants.

It is recommended to remove loose concrete when applying BentoPaste on segregated concrete surfaces.

Application

BentoPaste is a flexible material which is easy to apply and make it to take the shape of the complex details. BentoPaste can be applied with trowel, putty knife or by hand. Intimate contact with the surface of the substrate is necessary. It will self-adhere to the surface as soon as it is applied.

ASSOCIATED PRODUCTS**BENTOSHIELD**

Range of bentonite waterproofing membranes

**WATERSTOP BS**

Bentonite swelling waterstop

**BS MESH**

U shaped expanded metal grid

**BS GRANULES**

Sodium bentonite granules

**BS TAPE**

1 or 2-sided joint sealing tape

**BS Termination Strip**

Galvanized termination bar

**Penetrations**

BentoPaste is very effective to seal tightly the surrounding of penetrations with no gap remaining. Recommended thickness is around 1"(25mm).

Grade Terminations

BentoPaste® should be placed on top of BS Termination Strip and should extend on BentoShield® Waterproofing. Recommended application coverage is as 1/4" x 2" (6mm x 50mm).

Corners and Cants

BentoPaste® is applied on top of the cants, inside and outside of the corners with minimum thickness of 1/4" (6mm) and length of 3/4" (19mm)

LIMITATIONS

Concrete or backfill material such as soil or crushed stone can be directly poured on top of BentoPaste without a need of waiting period. BentoPaste is resistant to adverse weather conditions including cold weather, rain or snowing. When exposed to those conditions, BentoPaste will not dissolve or dry out suddenly but should not be uncovered long period of time prior to concrete or backfill placement.

Selection of polymer modified range of BentoPaste may be prudent, particularly where conditions of ground contamination exist.

COMPATIBILITY

BentoPaste may be combined with other products. Always conduct trials before combining products in specific mixes and contact the GEOMAS Technical Service Department for information and advice about any specific combinations.

PACKAGING

BentoPaste® Mastic : 310 ml/cartridge
BentoPaste® : 33lbs (15kg)/bucket
BentoPaste® DR : 450lbs (204 kg)/drum

STORAGE

BentoPaste® should be stored in a dry, frost-free place in unopened, undamaged original packaging. In order to maintain the proper viscosity, store the goods above 4 °C and not exceeding 95°F (35°C). It is strongly recommended to keep the goods to store at room temperature for 24 hours prior to application.

HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.