

Rheological Additive for Water-Borne Construction Systems**GENERAL INFORMATION**

BENTONE GS additive is a beneficiated, powdered smectite clay specifically developed for construction applications.

PHYSICAL PROPERTIES

Composition	highly beneficiated smectite clay
Color / Form	milky-white, soft powder
Density	2,5g/cm ³
Particle Size	25% < 200 mesh minimum

APPLICATIONS

- (Lime) cement plasters
- Gypsum plasters
- Repair mortars
- Self-leveling floors
- Cement mortars
- Concrete

KEY PROPERTIES

rheological properties

- provides thermostable viscosity control of the aqueous phase
- imparts thixotropy

application performance

- enhances texturing and stippling effects
- improves workability/application of plasters
- reduces surface drag - so an enhanced finish
- limits separation

INCORPORATION**General**

BENTONE GS can be added at any stage of production of a powder-based system like plaster or mortar. It will be fully activated during the normal processing conditions of hand or machine mixing.

Recommended incorporation levels are 0.03% to 0.25% (of the total powder) depending on the desired application properties.

For liquid products it is recommended to add BENTONE GS to the water. Mix at highest practical speed for 10 minutes. Then add the other ingredients.

LEVELS OF USE

Recommended incorporation levels are 0.03% to 0.25% (of the total powder) depending on the desired application properties.

REGULATORY

For the most current regulatory status, please refer to the MSDS for BENTONE GS. It may be viewed and downloaded from our website at:

www.elementisspecialties.com

HANDLING AND SAFETY

More detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

STORAGE RECOMMENDATIONS

Store in a cool, dry location.

PACKAGING

BENTONE GS rheological additive is available in multi-ply paper bags and bulk packaging. Please contact your local Elementis Specialties representative for the packaging available in your region.

SHELF LIFE

BENTONE GS has a shelf life of 4 (four) years from date of manufacture.

PRODUCT NUMBER

11326

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

© Copyright 2011, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

USA Head Office

Elementis Specialties, Inc.
329 Wyckoffs Mill Road
Hightstown, NJ 08520, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Malaysia

Elementis Specialties, Inc.
Lot PT 55, 64 & 65
Jalan Hulu Tinggi 26/6
Seksyen 26
40400 Shah Alam
Selangor Darul Ehsan
Malaysia
Tel.: +60 3 5191 9979
Fax: +60 3 5191 6811

China

Deuchem (Shanghai) Chemical Co., Ltd.
99, Liayang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563