



Technical Data

LD 8 Granular Seaming Bentonite

DIVISION: 07620 & 03300

1.0 PRODUCT NAME

Barrier-Bac LD8 Granular Seaming Bentonite
(for use with Barrier-Bac Class A Vapor Retarders)

2.0 SUPPLIER

Inteplast Group
9 Peach Tree Hill Road
Livingston, NJ 07039

Technical Assistance
TEL: (877) 535-0555
FAX: (800) 709-6002

3.0 PRODUCT DESCRIPTION

Barrier-Bac LD8 Granular Seaming Bentonite is an 8 mesh commercial blue Wyoming sodium bentonite that is used as a binder and sealer around clustered pipe penetrations through Barrier-Bac vapor retarder membranes. When hydrated, Barrier-Bac LD8 Granular Seaming Bentonite forms an impervious seal around PVC and metallic pipes to assure water vapor moisture migration will not occur between the vapor barrier membrane and these penetrations.

3.1 COMPOSITION

Barrier-Bac LD8 Granular Seaming Bentonite is a naturally occurring sodium bentonite clay formed from the weathering of volcanic ash in the presence of water. Barrier-Bac LD8 Granular Seaming Bentonite expands when wet, absorbing several times its dry mass in water.

Barrier-Bac LD8 Granular Seaming Bentonite is packaged in 50 lb. bags, 48 bags per pallet

4.0 TECHNICAL DATA

Applicable Standards:

ASTM, American Society for Testing & Materials

- ASTM D 5890 Standard test method for swell

index measurement of clay.

- ASTM D 5891 Standard test method of fluid loss of clay.
- ASTM D 422 Standard Test Method for particle size analysis of soils.

Table1: Typical Physical Properties of Barrier-Bac LD8 Granular Seaming Bentonite

Moisture	9 %
PH of 6 percent suspension	PH 9.5
Plate Water Absorption	900 wt %
Swell Index (ASTM D 5890)	28 ml
Specific Gravity	2.7
Calcium Oxide (CaO)	0.70 %
Surface area (N ₂ absorption)	20 m ² /gram
Bulk Density (uncompacted)	61 lb/ft ³
Bulk Density (compacted)	68 lb/ft ³

5.0 INSTALLATION

Barrier-Bac LD8 Granular Seaming Bentonite should be installed by pouring a layer approximately one inch thick around pipe cluster penetrations, spreading bentonite granules onto the area to be sealed with granules overlapping the vapor barrier for better seal. Lightly hydrate bentonite granules with a light water spray, taking care not to displace bentonite. Pour concrete adjacent to bentonite sealed penetration area and carefully spread concrete over bentonite again, taking care not to displace the bentonite.

6.0 AVAILABILITY & COST

Barrier-Bac LD8 Granular Seaming Bentonite is available nationally through our network of building supply companies. Contact our corporate office for a distributor in your area. Pricing may be obtained by contacting your local Barrier-Bac distributor or sales representative.



Technical Data

LD 8 Granular Seaming Bentonite

DIVISION: 07620 & 03300

7.0 WARRANTY

We warrant and guarantee our specifications as published, through the Inteplast Group, Ltd., Livingston NJ. Published test results are based upon accepted industry practices as well as the test methods called for and listed on our test documents. We believe, to the best of our knowledge, that our published results are accurate, reliable and represent our LD8 Granular Seaming Bentonite. Inteplast Group, Ltd. cannot control site conditions and improper installation practices. Therefore, no warranty, expressed or implied, is given, including those of merchantability, fitness for a particular purpose or any other matter with respect to the product.

8.0 MAINTENANCE

No maintenance is required.

9.0 TECHNICAL SERVICES

Technical services for all of our products may be obtained by contacting our corporate office.

10.0 FILING SYSTEMS

Product brochures are available from Barrier-Bac distributors, sales representatives, the manufacturer and on our website.



INTEPLAST GROUP

OFFICE: 9 Peach Tree Hill Rd., Livingston, NJ 07039
PLANT: 101 Inteplast Blvd., Lolita, TX 77971

TEL: 1-877-535-0555

FAX: 1-800-709-6002

E-MAIL: info@BarrierBac.com

WEB SITE: www.BarrierBac.com