BCI BUILDING CHEMISTRY INDUSTRY

BC Foam Concrete

Product Description:-

BC Foam concrete is used to solve a wide vairety of challenges in the geotechnical construction and mining industries.It is an engineered fill material containing uniformly distributed air voids generated by mixing a cement slurry with a stable preformed foam. In it's rigid form, it can be thought of as concrete having air as the aggregate.
BC manufactures a dynamic product line of foam concretes that produces the most advanced and preformed onesin the industry.
BC Foam concretes can be engineered with wet cast densities ranging from 20 to 120 pcf and compressive strengths of 20 to 700 psi.
Multiple production methods and engineered material properties create a diverse index of practical foam concrete applications. The ability to precisely control density, slump, and strength position BC Foam concrete as. anideal alternative to traditional fill methods in many construction applications.

Product Features:

- Lightweight
- Insulating; freeze thaw resistant High Slump; virtually self leveling
- Rapid Installation by pump or gravity Load reducing engineered fill Absorbs shock waves Broad spectrum of densities and compressive strengths
- Low water absorbtion and low permeability
- Reduces hydrostatic pressure on retaining walls

BC Foam Concrete engineered fill has a long track record of success providing value-engineered solutions when granular fills or lightweight aggre- gate material options are too heavy, site access is limited, or project schedules are tight. Bc Foam Concrete material is highly flowable and easily placed, does not require pre-loading for se5lement mitigation, and provides a 2 to 1 point-load distribution edge. The fluid material will completely fill annular spaces and exhibits shrinkage of less than %0.3.
BC Foam Concrete environmentally safe and cost competitive.

Geotechnical Applications
Virtually Self-Leveling Fill
Tunnel Backfill
Underground Tanks and PiplinesSoil Stabilization
Annular Grouting/ Backfill Load-Reducing Engineered Fill Pipeline Beds
Fill for Abandoned Mines Impact Absorption
Bridge Approach & Landslip Repair Retaining Wall Backfill
Tremie Applications

Building Chemistry Industry
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