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MULTICRETE™ MULTIFOAM FOAMING AGENT

TECHNICAL DATA SHEET

Used for Void Filling & Structural Cementitious Foam

DESCRIPTION

MULTI-foam is a non-combustible, void-filling, and structural cementitious foam. When combined with the proper amount of air and water in the specially designed placer unit, forms a low density foam. This product can be designed for different densities, strengths and set times.

USES

MULTI-foam can be used for:

Filling voids with:

- Compressible Contact Grout
- Low density, light-weight fill
- Rapid strength gaining grout

Bulk heads:

- Safety plug in a raise

Construction:

- Insulating roof tops
- Foundation fill
- Road backfill

Structural purposes:

- Backfilling over a set of arches to provide contact against the roof, filling a cavity to prevent methane build-up, and as a cushion against falling debris over false roof.

Mining and Tunneling division:

- Compressible barrier construction.

ADVANTAGES

Engineered Void Filler:

- Can bridge gaps over 1" (25 mm) wide

High Yield:

- Non segregating and pumpable
- Less material to handle

Engineered Properties:

- Densities and properties easy to adjust

Low Causticity:

- Absolutely minimizes the possibility of cement burns

Cost Effective:

- VERY cost effective

Multicrete Foaming Agent may be used in many types of foam generating devices. When used in other continuous or batch type Foam Generators, the result is a very compact self-contained precision foam system which may be integrated with solids metering feeders, slurry mixers and pumps to permit continuous discharge of foamed slurries through pipe or hose lines.

TECHNICAL DATA

Compressive Strengths:

1 hour	up to	50 psi
28 day	up to	3500 psi

PACKAGING

Dry grout material can be packaged in 20 kg and 30 kg small bags. Bulk bags are available in 228 kg or 1 MT bags for mass production.

APPLICATION

MULTI-foam shall be thoroughly mixed to de-sired consistency by varying the amount of water used. Multicrete Foaming Agent should be added using a MULTI-foam generator.

SAFETY PRECAUTIONS

MULTI-foam contains blended hydraulic cement and carefully selected additives. Normal safety wear, such as dust masks and rubber gloves used to handle conventional cement products, should be worn. Safety Data Sheets are available on request.