



MULTI-foam®

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” (25.4 mm) wide.
- ♦High Yield, non segregating and pumpable, less material to handle.
- ♦Engineering properties and densities are easy to adjust
- ♦Low causticity absolutely minimizes the possibility of cement burns.
- ♦Very cost efficient

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 desired consistency by varying the amount of water used. Multicrete Foaming Agent should be added using a MULTI-foam® generator.

Technical Data

Compressive Strengths:

1 hour	up to	50 P.S.I.
28 day	up to	3500 P.S.I.

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