

MaxFlow

FLOWABLE FILL

CLSM and LD-CLSM



PRODUCT DESCRIPTION:

MaxFlow, is a flowable fill material that uses **MaxFlow Foaming Agent** as a means to provide an intentional and controlled air void network within CLSM mixtures. **MaxFlow Foaming Agent** concentrate is diluted with water and charged into a foam generator for use as a pre-formed foam additive in Controlled Low Strength Materials (CLSM) and Low-Density Controlled Low Strength Materials (LD-CLSM). ACI 229R-99 entitled "Controlled Low Strength Materials" serves as a valuable source of reference.

ADVANTAGES:

MaxFlow flowable fill can be designed to cause the following benefits in CLSM:

- *Allows low-density mix designs*
- *Reduces or eliminates bleeding*
- *Reduces or eliminates subsidence*
- *Improved workability*
- *Improved flow properties*
- *Improved strength control*
- *Improves pumping*
- *Allows use of economical filler materials*
- *Homogenous suspension of mix materials*
- *Economical*

MATERIAL APPLICATIONS:

MaxFlow flowable fill can be designed for use in the following applications:

Backfilling: Utility cuts, trenches, abandoned underground pipes, culverts, tanks, mines, sewers, voids under roadways, concrete slabs, structures, backfilling around foundations and retaining walls.

Structural: Pipe bedding, road base, bridge approaches, foundation sub-base, floor slab sub-base, liner base, cover mats.

Speciality: Insulating fill, fire resistant applications, shock attenuation and isolation applications, sound attenuation applications.

PRODUCT INFORMATION:

MaxFlow Foaming Agent is available as a concentrated liquid which is charged into a foam generator and diluted with water. This foam solution is expanded into a pre-formed foam that is added to the CLSM mixture during the mixing process. For most applications, dilution ratios of (1) part **MaxFlow Foaming Agent** to (40) parts of water are used to achieve desirable results. Special conditions or applications may require adjustments to the dilution ratio. Contact your **MaxFlow** representative for specific guidance regarding product usage.

USAGE:

MaxFlow Foaming Agent concentrate can be used in a wide range of CLSM and LD-CLSM mix designs to attain a controlled air void structure within the in-place fill.

CAUTIONS:

Always wear proper eye protection as splash possibility exists. Not to be consumed internally. Wash from skin using soap and water. MSDS available upon request by contacting:

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