



Multicrete Foaming Agent

Technical Data Sheet

Aerating Agent used in Cellular Concrete or Cementitious slurries

Foaming Agent Description

The Multicrete Foaming Agent is an aqueous concentrate of a surface-active Polypeptide Alkaline polyol condensate, specifically formulated to yield a tough, stable and voluminous micro-bubbled foam. The foam is used for producing cellular foamed concrete and cement slurries used for thermal insulations, structural concrete, fills, soundproof floors, fireproofing and firewalls, including precast products.

Aeration of aqueous suspension of solids may be achieved by blending a preformed foam with the cementitious slurry. The preformed methods provide better control of the final product density. Preformed foam is formed in calibrated foam generating devices which control both the rate of production and the proportion of air and solution in the foam.

Stabilization of the cellular structure in the slurry is accomplished by stiffening or gelation due to either a hydration reaction of solid parts with water, by polymerization of other additives in the slurry or by separate reactions which sets the foamed slurry to a solid.

No harmful effect to the product is sustained by exposure to extreme temperatures. It is completely stable to related surface activity; foam stability may be seriously affected by the presence of other surfactants - they should be avoided unless specific compatibility has been verified by a test.

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 solid metering feeders, slurry mixers and pumps to permit continuous discharge of foamed slurries through a pipe or hose lines.

Technical Data

Appearance:	Dark Brown Liquid
Active Ingredients:	Approximately 30%
PH:	6.0 – 7.5
Viscosity (70°C):	5 centistokes min.
Solubility:	Completely soluble in water, suitable for use in hard or soft waters
Shelf Life:	Almost indefinite in original sealed containers

Packaging

	5 Gal. Pails	55 Gal. Drums
Gross Weight:	51 lbs.	565 lbs.
Net Weight:	48 lbs.	527 lbs.

Safety Precautions

Multicrete Foaming Agent contains various select additives. Normal safety wear such as rubber gloves, dust masks and safety glasses used to handle conventional concrete or cement-based products should be worn. Safety Data Sheets (SDS) are available upon request.