

A DENSIFYING & FOAM CONTROL AGENT POWDER

VOIDEIN

TEST FIRST BEFORE ACTUAL USE - TRIALS ARE ESSENTIAL

DESCRIPTION:

'VOIDEIN' is a powder defoamer/anti-foaming additive supplied as an off-white powder. It is effective in many aqueous liquid, semi-solid and powder products which vary widely in pH characteristics.

'VOIDEIN' has been found to be effective in many cement-bound composite systems and other materials and substances having a high pH.

APPLICATION:

Ability's 'VOIDEIN' powder is designed primarily for use as an air bubble and foam control agent in the manufacture, compounding and use of:

- * Adhesives
- * Cement bound systems including concrete, mortars and grouts.
- * It may be particularly suitable for eliminating air voids in self-compacting and highly fluid concrete mixes.
- * Asphalt and other bitumen bound systems.
- * Liquid coatings and paints supplied in powder form in general and cementitious (cement-based) and lime-wash paints in particular.
- * Gypsum bound mixes
- * Lime bound mixes.

TYPICAL PROPERTIES:

Appearance: Uniform, off-white powder
Bulk Density: 0.43 (approximately)

BENEFITS OF 'VOIDEIN':

1. Suitable for mixing into powdered as well as liquid products.
2. Contributes to the prevention of powder 'caking'.
3. Effective in both alkaline and acid systems.
4. Active in aqueous systems.
5. 'Voidein' powder defoamer dose requirements are usually lower than those for liquid de-foamers.
6. Provides a method of eliminating air voids in plastic unset concrete to densify it. As such it may reduce or eliminate the need for the required on-site vibration and compaction process.
7. Potentially maintains the f/c characteristics design strength of concrete in place. However, thorough testing is recommended prior to use.

METHOD OF USE/DOSE RATES:

'VOIDEIN' should be added and well dispersed at concentrations of between 0.2 to 2.0% based on the weight of dry or solids ingredients in the product system and its performance fully evaluated to determine its effectiveness - before actual use.

In concretes or mortars we suggest that dose rates of 0.5% to 2% by weight of the total cementitious binding material be evaluated carefully.

PACKING:

15 kg multi-wall paper sacks.

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