



# 'VOIDEIN'

## A densifying and foam control agent powder

### PRODUCT OVERVIEW:

'VOIDEIN' is a powder de-foamer/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.

### USE WITH:

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

### BENEFITS:

- ✱ Suitable for mixing into powdered as well as liquid products.
- ✱ Contributes to the prevention of powder 'caking'.
- ✱ Effective in both alkaline and acid systems.
- ✱ Active in aqueous systems.
- ✱ 'Voidein' powder de-foamer dose requirements are usually lower than those for liquid de-foamers.

- ✱ 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.
- ✱ Potentially maintains the f/c characteristics design strength of concrete in place. However, thorough testing is recommended prior to use.

### DOSAGE 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.

### PACKAGING:

'VOIDEIN' is supplied in 15kg net bags.

### STORAGE:

For maximum shelf life, 'Maxim-Air<sup>®</sup>' should be stored out of direct sunlight, in dry conditions in tightly closed original packaging.

## PRECAUTIONS:

'VOIDEIN' powder is a non-hazardous, substance and is classed as a non-dangerous good, however, it is recommended that the following Personal Protective Equipment (PPE) and precautions are followed when handling and using the product:

- ☀ Wear full overalls, gloves safety goggles
- ☀ Avoid skin and eye contact
- ☀ Avoid inhalation – use a dust mask or NOISH approved respirator if there is a dust potential
- ☀ Always wash hands before eating, drinking, smoking or using the toilet

- ☀ Wash any contaminated clothing or protective equipment prior to storage or reuse

For further Health and Safety information, please refer to 'VOIDEIN Material Safety Data Sheet (MSDS)', which is available from Ability Building Chemical Co.



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The word 'VOIDEIN' is written in a stylized, bold, sans-serif font. The letters are arranged in a curved path, following the shape of a dark, curved banner or swoosh that underlines the text.