



## Description:

Versabind Oil and Gas is a non-silicate compressive strength enhancing additive for cements and cement blends. It is a specialized blend of Portland cement, metal oxides, and inorganic salts fired in a kiln according to the ASTM C-114 specifications. Designed to replace competitive products, performing near identically at less than 200F and an improved performance at greater than 200F, at a reduced cost while providing the same functionality.

## Uses and applications:

Versabind Oil and Gas is used to increase the compressive strength of cements and cement-flyash blends. It replaces more expensive and aluminum type additives with a safer non-silica alternative that provides with near identical or improved results.

## Physical properties:

Specific Gravity:	3.049
Bulk Density:	64 lb/f <sup>3</sup>
Absolute Volume:	0.0393 gal/lb

## Advantages:

Replaces expensive strength enhancers.  
 Less hazardous than silica fume.  
 Especially effective in flyash:cement blends  
 Mined and manufactured to ASTM standards.  
 Allows use of lightweight completion cements.  
 Compatible with most cement additives

## Recommendations for use:

Slurry yields can be extended and densities reduced while still obtaining higher compressive strengths considered desirable in completion cements. Versabind Oil and Gas highly specific formulation does not require silica fume or other more expensive products to develop higher compressive strengths.

Versabind Oil and Gas non-silicate base provides increased safety in handling and loading, product consistency and reduced cost with high performance compressive strength development in Portland Cements and is especially effective in cement and fly ash blends.

## Recommendations for transport:

- Remove from platforms nails or materials that may damage the bags.
- Use belts or bands to secure the bags; if ropes are used, place protectors in the friction surfaces.
- When using a service lift observe that the blades do not harm the pallets nor the bags.
- To lift or move a bag, it must be taken from below with both arms.
- Use platforms or long wide wheelbarrows to prevent the bags from protruding.

## Recommendations for storage:

- Cover the bags, store them in dry places and avoid long storage periods (more than 3 months.)
- Place the bags preferably on pallets or clean, flat surfaces.
- Avoid nails or broken pallets.
- Use the bags that have been in storage the longest.
- Arrange in piles leaving 2 inches of space inbetween each pile.

## Available in:

- 50 lbs. bag
- Super Sack
- Bulk

## Precautions:

Versabind dust contains materials that can cause throat, eyes and skin irritation. Avoid direct contact. The use of the appropriate glasses, gloves and mask is advised. Wash the exposed parts of the skin with water. If any dust gets into the eyes, flush immediately and repeatedly with water for 10 minutes and get prompt medical attention.

The specifications and properties of this product are not limited. If you require any special characteristics please contact GCC Technical Assistance to get further guidance.