



# Wesil MA

binder system  
for mineral wool fibers

## How to Use Wesil MA

Wesil MA is a complete floccing and bonding system and should always be added directly to the fiber slurry after dispersion of fiber and filler.

Recommended level of use is 30% based on fiber weight however, more or less Wesil MA binder may need to be added for desired hardness and strength.

### Typical Formulation:

Water - Gallons	100
Mineral Wool - Lbs	10
Wesil MA Binder - Lbs	3

Follow above order of addition, adding the dry Wesil MA Binder last after dispersion of fiber and fillers. Allow 5 - 10 minutes to disperse binder and floc before dropping to holding or forming tank. Form in normal fashion. Dry at 250° F

Note Proper Use: Never pre-dissolve the Wesil MA Binder as it will floc on itself instead of the fibers.

Wesil MA is a complete floccing and bonding system developed specifically for Mineral Wool fibers. Wesil MA contains colloidal alumina, aluminosilicate binder, and a fibrous high alumina filler that form strong bonds with mineral wool giving it high temperature performance nearing that of conventional aluminosilicate fibers.

## Use WESIL MA to enjoy these advantages

### *Strong mineral wool bonds*

Consistently forms strong bonds yielding hard, strong mineral wool boards and shapes.

### *Better fired strength*

More inorganic binder creates greater fired strength.

### *More uniform product*

Master batching creates more consistent binder ratios and enhanced product integrity.

### *Reduces fluxing and shrinkage*

Alumina coating of mineral wool fibers maintains their integrity at high temperatures, allowing for successful operation at temperatures several hundred degrees higher than usual.

### *No cristobalite*

Completely cristobalite free at use temperature, eliminating a common source of thermal shrinkage problems and health related concerns.

### Typical Physical Properties

Color	Beige
Consistency	Medium Dry Powder
Approximate Bulk Density (pcf)	30
Loss on Ignition*	4 - 5%
Fusion Point (Inorganic Binder)	2900°F
Toxicity	Non Toxic, Do not breathe dusts, See MSDS
Packaging	Fiber Drums, 500 Lbs. net or 50 Lb. cartons

\* Typical value for WESIL MA bonded fiber products

**For a price quote and valuable information  
on how we can help you improve your  
vacuum formed products call**

**WESBOND  
(302) 655-7917**