



# Wesil MB

complete binder system  
for mineral wool fibers

## How to Use Wesil MB

Wesil MB 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 MB binder may need to be added for desired hardness and strength.

### Typical Formulation:

Water - Gallons	100
Mineral Wool - Lbs.	10
Wesil MB Binder - Lbs.	3

Follow above order of addition, adding the dry Wesil MB 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 MB Binder as it will floc on itself instead of the fibers.

Wesil MB is a complete floccing and bonding system developed specifically for mineral wool fibers. Wesil MB's aluminosilicate binder and fibrous high alumina fillers form strong bonds with mineral wool yielding superior hardness and strength. Traditional colloidal silica-starch systems do not bond well to mineral wool resulting in soft and weak spots. Wesil MB is the optimum system for consistently higher standards and durability in mineral wool boards and shapes.

## Use WESIL MB to enjoy these advantages

### *Bonds strongly to mineral wool*

Uniquely able to form strong bonds with mineral wool fibers yielding hard, strong 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.

### *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 Density 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, 300 Lbs. net or 50 Lb. cartons

\* Typical value for WESIL MB 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**