



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**