



We create chemistry

Technical Bulletin

04 | Traffic
Coatings

MasterSeal® 350 Mortar

FORMERLY MBT® TRAFFICGUARD® EP35 MORTAR

The following are suggestions for aggregate loading to produce an epoxy mortar with a coefficient of expansion similar to Portland cement concrete.

NOTE: Prior to the application of the mortar the substrate must be primed with mixed MasterSeal 350 resin.

Epoxy Mortar at a thickness of 1/4 – 3/4 inch

1 gallon of epoxy will require approximately 3
1/2 to 4 gallons of proper aggregate sieve size of 20 to 30.

Epoxy Mortar at a thickness of 3/4 inch

A two (2) gallon mix of epoxy will require approximately 140 – 150 lbs of aggregate of the sieve designation below.

3/8 INCH

- 100% passing: #4
- 94 – 90% passing: # 8
- 80 – 90% passing: #16
- 60 – 80% passing: #30
- 30 – 60% passing: #50
- 5 – 10% passing: sieve size #50 to 1/4 inch

Epoxy Concrete at a thickness of 1 3/4 inch or more

A two (2) gallon mix of epoxy will require approximately 150 – 160 lbs of aggregate of the sieve designation below.

3/4 INCH

- 100% passing: 1/2 inch
- 80 – 100% passing: 3/8 inch
- 40 – 70% passing: #4
- 60 – 80% passing: #12
- 40 – 60% passing: #20
- 10 – 30% passing

All mixing equipment must be capable of thoroughly blending the suggested aggregates and MasterSeal 350 resins. For best results add the aggregates to the mixed resin.

HEALTH , SAFETY AND ENVIRONMENTAL

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