



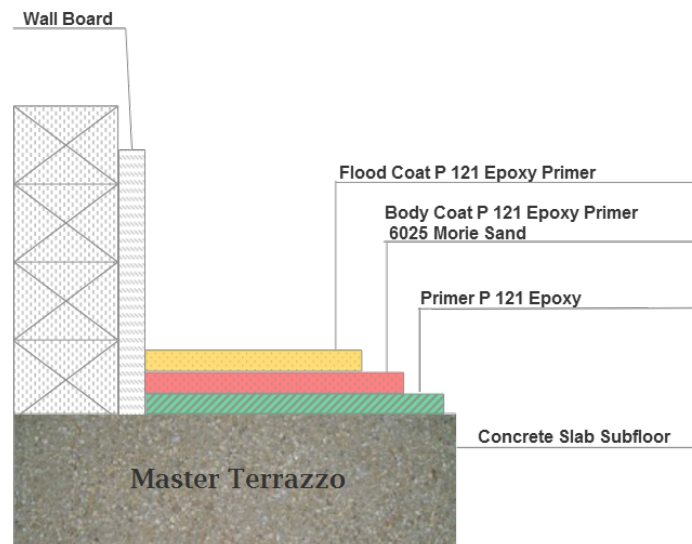
FILL RESIN EPOXY MORTAR

Morricite Epoxy F 5805 is a low viscosity, 100% solids, solventless, two-part epoxy. This mortar system is used as a slope and fill resin for concrete repair mortar patch, and a resurfacing screed. 5805 can be used alone with sand mix up to 1". Over 1" use add 3/8 pea gravel

ADVANTAGES

- Mixes easily – 2 (two) parts A and 1 (one) part B
- Economical
- Resistant to mechanical wear
- Ideal for leveling and sloping
- Quick installation
- Primer
- High Build
- Durable and long lasting
- Slurry / Broadcast
- Self Leveling
- Mortar
- Patching

Installation Diagram
Morricite Fill Resin Epoxy Mortar @1"



SURFACE PREPARATION

The substrate must be clean (free of dirt, dust, paint, grease, oil, rust and other contaminates), sound and durable. New concrete must be fully cured (28 days minimum) and all laitance and curing compounds removed. Suitable preparation methods include grit blasting and scarification. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

TYPICAL PHYSICAL PROPERTIES

@ 75° F (23° C)

Mix Ratio A : B:

2 to 1 by volume

Tensile Strength:

ASTM D 638

5,000 psi

Compressive Strength:

ASTM D 695

10,000 psi

Hardness:

ASTM D 2240

(Shore D) 70 - 80

Bond Strength:

ASTM D 4541

> 400 psi

Concrete failure

Impact Strength, passing:

MIL D 3134

no chipping or delaminating

F 5805

PRODUCT SYSTEM DATA

SOUND and DURABLE CONCRETE

Sound and durable concrete should be crack free and have a cap pull-off strength of 180 psi per ACI 503R.

CRACKED CONCRETE

Repair cracked concrete with Morricite Structural Epoxy Injection Adhesive or Morricite Non-Sag Epoxy Paste Adhesive per the manufacturer's recommendations.

Fill Resin Epoxy Mortar System Components

F 5805 System is a 100% solids, solventless, high-build, two-part epoxy coating. This total system provides a strongly bonded monolithic floor with excellent physical and mechanical properties. **F 5805** is only intended for interior applications and consists of the following components.

Primercoat: F 5805. Apply at 250 sq.ft per gallon. Do not allow primer to puddle. Apply @ 3-5 mils.

Basecoat: F 5805 mix with sand for mortar Apply at 8 sq. ft. per gallon

Floodcoat: F 5805. Apply at 66 sq. ft. per gallon for **1 inch floor**

*Chemical resistant information is available on our website or sales binder.

**PLEASE CONTACT YOUR MTT REPRESENTATIVE FOR ADDITIONAL PRODUCT OPTIONS

NOTE: PRIMER recommended on concrete to avoid "out-gassing" (air bubbles) related problems associated with porous concrete.

SAFETY

For industrial and professional use **ONLY**.

For detailed safety guidelines, please refer to the Safety Data Sheet (SDS)

WARRANTY INFORMATION

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