



MasterTrac Vinyl Chip (Flakes) Broadcast

Morricite Epoxy Fleck Floor is a 100% solids, decorative, flake-filled, two-part system. It is a customized floor topping that utilizes color flake broadcast either at random or refusal. It protects against abrasion and mild chemicals with a speckled appearance of terrazzo.

This system is designed to be used indoors in commercial, pharmaceutical and institutional environments where a UV light-stable, clear, chemical resistant seal-coat is desired.

ADVANTAGES

- Mixes easily – 2 (two) parts A and 1 (one) part B
- Coatings / clear or pigmented.
- Available in standard colors
- Abrasion resistant
- Aesthetically pleasing, speckled appearance
- Durable and long lasting.

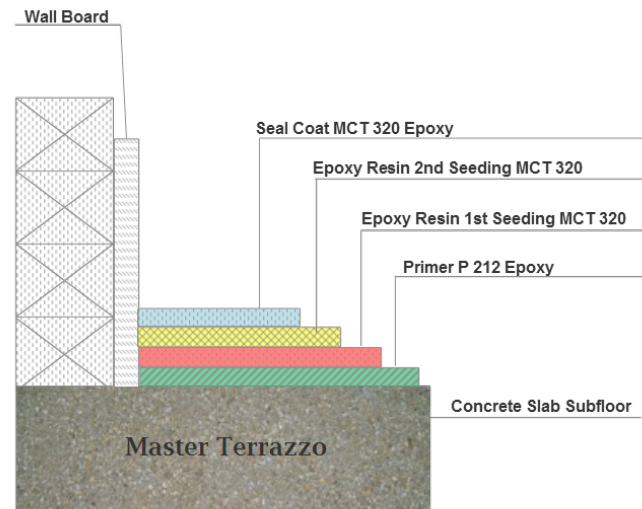
SURFACE PREPARATION

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)

Color:	Clear or Pigmented		
Mix Ratio A : B	2 to 1 by volume		
Pot Life (minutes)	<i>Fast</i>	<i>Regular</i>	<i>LPL</i>
@ 150 grams	18-20	38-40	65-70
@ 1 gallon mass	13	26	44
Cure Time (hours)	@ 10 mils (250 microns)		
Dry to Touch	2-4	10-12	16-20
To Recoat	8-14	12-20	16-24
Final Cure (days)	7	7	7
Hardener, (Shore D):	ASTM 2240	75 80	
Tensile Strength, psi:	ASTM D638	6,000 psi	
Tensile Elongation, %:	ASTM D638	2 – 5	
Compression Strength:	ASTM D695	11,000 psi	
Flexural Strength:	ASTM D790	5,000 psi	
Bond Strength:	ASTM D4541	> 400 psi	
Impact Strength, passing:	MIL D3134	no chipping or delaminating	
Shelf Life:	2 years minimum in unopened container (stored between 50 °F to 90 °F)		

Installation Diagram
Morricite Fleck Floor 600



SOUND and DURABLE CONCRETE

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

CRACKED CONCRETE

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

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

COVERAGE

Morricite Epoxy Primer P 121 Prime the substrate with **P 121** at **250 sq ft** per gallon and allow to dry.

Morricite MCT 320 Mix the **MCT 320** and ribbon out into the floor at **250 sq ft** per gallon. Spread with a flat squeegee. Wear spike shoes to walk into the material and backroll. Allow the material to flow and level.

Flakes 6700 series. Begin broadcasting the decorative flakes evenly, up and out roughly 8 to 10 sq. ft. per pound. Allow the flakes to fall perpendicularly and settle into the liquid. The flakes should appear dry and evenly spread throughout the floor. Some areas may settle and wet out. Apply additional flakes to these areas. After cured hard, remove the unused flakes. Fasten a screen attachment to the floor buffer and lightly screen the entire floor. Sweep the floor with a hard-bristled broom and then vacuum.

Groutcoat: MCT 320 Apply at **250 sq. ft.** per gallon

This mixture will provide an impact resistant floor and develops a cured strength that is many times that of concrete, therefore, providing exceptional durability and prolonging the life of the concrete substrate.

Sealcoat Options: **MCT 320 Epoxy Resin 250 sq ft per gal**
 1030 Floor Enamel 70% solids. 200 sq ft per gal
 1020 Poly floor enamel 100 % Solids. 325 sq ft per gal

Optional 2nd seeding **MCT 320** at **250 sq ft** , and **6700 Broadcast** as above

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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