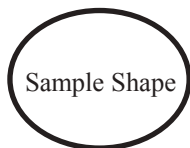# Match **Patch** Pro

1. Blend local **"DRY"** Masonry sand 2-1 with Part C Cements for Patch. Wet sand can be air dried or torch dried. Masonry sand is a blend of 5-7 mesh sizes #100# - #12.

2 - parts Sand   +   1 - Part C

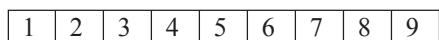**2.** Perform a 12" color match sample polished at the level specified or project on project concrete. Follow same tooling steps floor will be processed densifying at #200 Resin and finishing with #400. Variable speed hand grinder is best.

Sample Shape

12" Sample on Concrete floor to polish

3. Compare to Match Stick and 9 sand patch color numbers on stick.

1	2	3	4	5	6	7	8	9

Colors with Aggregate Patch Mix
Grout and Joint Fill are solid colors

Compare number to Color Code Chart

Patch	Black	Brown
MP-1	1/16 tea	0
MP-2	0	1/16 tea
MP-3	1/16 tea	1/16 tea
MP-4	1/8 tea	0
MP-5	0	1/8 tea
MP-6	1/8 tea	1/8 tea
MP-7	1/8 tea	1/16 tea
MP-8	1/16 tea	1/8 tea
MP-9	0	0

4. There are only two color additives; Black and Brown.

A. There are two sizes of measurement for color; 1/16 teaspoon and 1/8 teaspoon. The 1/16 teaspoon and 1/8 spoons are for an 11 ounce mix and 4 ounces of part C for grout.
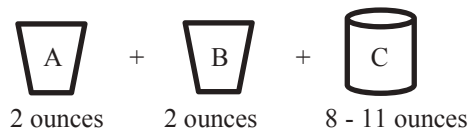
B. There is also a One teaspoon. This is for pre mixing 5.5 quarts of patch mix or 2 quarts of grout part C. One teaspoon is the same as 1/16 and two teaspoons the same as 1/8.

EXAMPLE: MP 6 is chosen. For patch mix 5.5 quarts of part C and sand with 2 teaspoons of Black and 2 teaspoons of Brown.

C. The 12 oz scoop is used for every mix. Fill the scoop with mixed dry patch 1/4" - 1/8" below rim.

5. Perform at least one sample to verify color match. Mix material as below.

A. Mix 2oz part A to 2oz part B Resin. Quickly stir together to a no streak consistency.
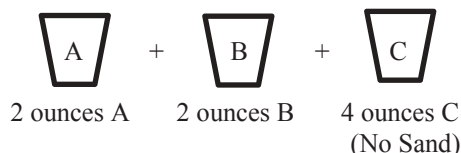
A   +   B   +   C
2 ounces   2 ounces   8 - 11 ounces

B. Add one scoop of mixed and colored patch mix to mixed resin. Mix quickly wetting out completely.

C. Apply to spall or crack, overfilling 1/8" over edges and above surface. You must move **quickly** due to the 8 minute cure. Temperatures affect cure times. Store materials in cool dry place.

D. Patch will be cured in 30-50 minutes for grinding. Grind flush with adjoin concrete surface.

E. Mix grout 2oz A to 2oz B resins to 4oz part C cements with color added, (No Sand or Aggregates). Grouting may not be necessary and is not required.

A   +   B   +   C
2 ounces A   2 ounces B   4 ounces C
(No Sand)

F. Grind grout flush with surface after 40-60 minute cure.

G. Apply generous amount of water to patch surface. Wipe off excess after a period of 10 minutes and let patch completely dry. This hardens the surface.

6. Continue specified polishing processes.

*You are not limited to the stock colors on the match stick. Adjustments to color adding can be made if needed for closer matching.

*If you're patching is too light, it can be dyed using thinned out water dyes black or brown as needed.

*Your local sand is 60% of the color match.

<u>SAND MUST BE DRY!</u>

*If you are matching for large aggregate exposure, place into wet patch by hand do not add to mix.

*If you're experiencing excessive swelling due to high humidity or wet slab, or Fast Cure is too fast in your application, Use MPP LPL.

* Video instruction is available at www.matchpatchpro.com

*Technical help is available through

Dave More 941-408-5999.

You can also email: dave@matchpatchpro.com

Match Patch Pro Step-by-Step Instructions 2019

Match to Stick

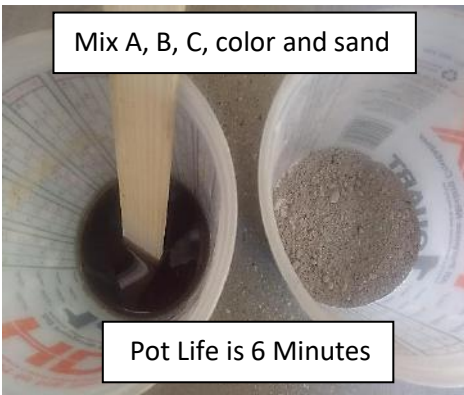Make small sample to #400 grit and compare to Match Stick.

Mix sand and Part C

Mix 1 gallon of Part C to 2 gallons torch or oven dried concrete sand.

Add colorant

Add colorant per Match Stick chart to 9 ounces of sand part C mix.

Mix A, B, C, color and sand

Pot Life is 6 Minutes

Mix 2 ounces A and 2 ounces B to the 9 ounces of colored dry mix.

Make Sample

Let cure in mixing cup and process to #400 and compare. Adjust color and repeat if needed.

Clean repair area

Chip out loose or foreign debris and vacuum sample repair area on floor.

Install Patch

Mix resin and part C. Overfill repair 1/8". Let cure 30-50 minutes and grind flush with concrete.

Grout

Mix 2 ounces A with 2 Ounces B with 4 ounces Part C colored the same measurements as patch. grout surface of repair.

Apply water

Grind flush with concrete and apply clean water to repair surface. Let completely dry and Polish to #400.

Receive customer approval for finished repair.

Use concrete sand from local concrete ready-mix company.
Use fine Zec disc, metal or hybrid disc to grind off patch and grout. #80 grit metal is best.
Humidity, damp slab or moisture in sand will cause swelling torch dry damp areas.
Do not use exterior or in direct sun areas.

Video Instructions