

CUSTOM ACRYLIC MAHJONG — COLOR REGISTER REFERENCE

Pantone Reference Card

How we hold your brand colors on cast PMMA mahjong tiles: the **$\Delta E \leq 2$ register protocol**, the **mill-cert workflow** we run before any multi-colorway production line cut, and **18 reference colorways** — the ones boutique-mahjong buyers request most. Use this card to brief colorways by Pantone reference instead of adjectives; register becomes auditable on the production drawing.

The $\Delta E \leq 2$ register protocol CIE 2000 · spectrophotometer-verified

- **Your Pantone ref is the target; $\Delta E \leq 2$ is the acceptance spec.**
The production drawing carries a written tolerance between approved sample and production tiles — not a "close enough" eyeball match.
- **Verified at 4 points per batch** by spectrophotometer, supported across 12+ colorways in a single production run.
- **Why $\Delta E \leq 2$:** a ΔE of 2 sits at the threshold where most observers can just detect a difference side-by-side — tiles from different batches read as one color in the hand.
- **Documentation ships with the order:** mill cert plus batch spectrophotometer readings, so your QA team can validate against the approved master.

The mill-cert workflow runs before any multi-colorway line cut

- 1 **Supply the color**
Pantone C-series reference or a physical swatch. Standard-range colorways skip to step 3.
- 2 **Mill-cert match**
Custom Pantone-matched cast PMMA batch — \$200–300 one-time setup per matched color; the custom mill batch adds a 14-day pre-production lead.
- 3 **Sample verification**
12-tile color check (\$180–320), spectrophotometer-verified to $\Delta E \leq 2$ across your colorways before the line cut.
- 4 **Production register**
4-point spectrophotometer check per batch; sign-off documentation ships with the order.

18 reference colorways

the shortlist boutique buyers request most — any Pantone C-series color can be matched

 Ivory Cream PMS 7499 C	 Blush PMS 705 C	 Dusty Rose PMS 693 C	 Coral PMS 7416 C	 Terracotta PMS 7522 C	 Butter Yellow PMS 7401 C
 Amber Honey PMS 1235 C	 Mint PMS 344 C	 Sage PMS 5793 C	 Seafoam PMS 331 C	 Jade PMS 563 C	 Teal PMS 321 C
 Sky Blue PMS 291 C	 Dusty Blue PMS 645 C	 Lavender PMS 2635 C	 Lilac PMS 530 C	 Smoke Grey Cool Gray 7 C	 Charcoal PMS 432 C

Printed and on-screen swatches are approximations — confirm color decisions against a physical Pantone guide; the production match is spectrophotometer-verified against the cast PMMA mill cert, not against this card. Colorways from the standard cast range carry no setup fee; custom-matched colors run the \$200–300 one-time mill setup. Frosted, cream-translucent, and pearlescent finishes are substrate grades specified separately from colorway.

What happens next: reply with your Pantone refs (or attach brand guidelines) to inquiry@wetopacrylic.com — we confirm standard-range vs custom-match per color and quote within 24 hours. For multi-colorway runs, the 12-tile color check is the recommended verification tier before production.