

Aves[®] Maché Comparison Chart

SIMILAR FEATURES / BENEFITS

- Safe and Non-hazardous, no asbestos
- Conforms to ASTM D4236, GHS Compliant
- Non-flammable
- High quality ingredients
- Easy to mix
- All machés are a fine powder ready to use with the addition of water; compatible with many mediums.
- Flat finish after curing
- Lightweight and Strong
- Easy clean-up
- Use for: model construction, scenery & habitat displays, mannikin building, wildlife art, theatrical props, casting & molds, conventional and hand lay-up applications.

DIFFERENCES / DISTINCTIONS

	Paper Maché	ClayShay	Master Maché
Suggested Mixing Ratio (maché to water)	3:1 Batter-like for casting & molds	5:1 Clay-like for hand lay-up application	4:1 + 1 part filler hand lay-up application
Set times (variable; water temp & mix ratio)	30-60 minutes	1 to 1.5 hours	2 to 2.5 hours
Cure times	1 - 4 Days when moisture dries off	1 - 4 Days when moisture dries off	1 - 4 Days when moisture dries off
Use For:	Casting, molds, piñatas, classroom projects	Sculpting, artificial rocks, habitat, base & manikin building, wildlife art.	Use on tough jobs Bases and projects needing fillers, habitat building, wildlife art
Smell	Paper like	Earthy clay/minerals	Wet soil
Color	White; can add powder or food colorants.	Tan, mud-like brown; colorants not effective unless darkening.	Light gray (cement); can add powder or food colorants.
Texture - Dry	Fine powder	Earthy powder	Fibrous powder
Shrinking & Cracking Rate	Ratio 2:1, 1%	0 to 1%	0 to 1%
Weight after curing	Lightest	Medium light	Light
Strength After Curing	Strong	Strongest	Stronger
Hardness After Curing	Hard - easy to sand	Hardest	Harder
Details	Best impressions	Good impressions	OK impressions
Hand Lay-up Mixing Ratio	4 : 1	5 : 1	4:1 + 1 part filler
Differences	Traditional all around multi-purpose. Virgin Paper Pulp	Sculptable; Feels like clay, sets like maché. Easy to carve during set-up with a Double set to lock in details & eliminate shrinkage.	Can add fillers. Strong & Versatile.
Price and Sizes	1 lb \$6.00 5 lb \$16.50 25 lb \$53.00 50 lb \$85.00	1 lb \$6.00 5 lb \$16.50 25 lb \$53.00 50 lb \$85.00	1 lb \$6.00 5 lb \$16.50 25 lb \$53.00 50 lb \$85.00