

Which Aves® Maché - Powder Product is Right For You?

SIMILAR FEATURES / BENEFITS			
<ul style="list-style-type: none"> • Non-toxic • Non-flammable • Non-hazardous • Professional quality products with high quality ingredients • Easy to mix - For best results, use luke warm water for mixing • All are ready to use with the addition of water 	<ul style="list-style-type: none"> • All smooth nicely with water • Compatible with many mediums • All can be used for hand lay-up applications • Flat finish after curing • Economical • Lightweight • Strong • Easy clean-up 		
DIFFERENCES AND DISTINCTIONS			
Feature or Benefit	Aves® Paper Maché™	Aves® ClayShay™	Master Maché™
Best Mix Ratio - powder:water (“best” ultimately depends upon needs)	2:1	5:1	3:1
Set times (varies with water temp & mix ratio)	30-60 minutes	1 to 1.5 hours	2 to 4 hours
Cure times	24 hours	24 hours	24 hours
Use For:	Molds	At ratio of 4:1 or 5:1, use for molds, castings, sculpting	Bases with Fillers Use on tough jobs
Best For:	Molds	Molds/casting at 4:1 sculpting at 5:1	Using with fillers (such as base work with soil as a filler)
Dust	Very minimal	Minimal	OK
Smell	None	Earthy clay/minerals	Wet soil
Color	White; can add powder or food (liquid) colorants	Tan, mud-like brown; adding colorants not effective unless darkening	Like cement; can add powder or food (liquid) colorants
Texture - Dry	Fine powder	Earthy powder	Powder
Texture - Wet	3:1 like pourable batter	Smooth & pourable	Textured appearance

DIFFERENCES AND DISTINCTIONS

Feature or Benefit	Aves® Paper Maché™	Aves® ClayShay™	Master Maché™
Feel	Ratio 2:1 - batter like, pourable Ratio 3:1 - formable	Ratio 4:1 - malt like Ratio 5:1 - clay like	Ratio 5:1 - malt like
Self-Leveling	Ratio 2:1 - yes Ratio 3:1 - minimal	Ratio 2:1 to 4:1 - yes Ratio 5:1 - no	Minimal
Shrinkage Rate	Ratio 2:1, 1% (water comes out)	0%	0%
Cracking	0 to 1%	0 to 1%	0 to 1%
Weight before mixing	Lightest	Heaviest	Light
Weight after curing	Lightest	Medium light	Light
Strength After Curing	Strong	Strongest	Stronger
Hardness After Curing	Hard	Hardest	Harder
Flexibility	Only before set at 3:1 ratio	Only before set at 5:1 ratio	Only before set at 3:1 ratio
Detail Capture	Best impressions	Good impressions	OK impressions
Sculptability (Hand Lay-up)	Ratios (mache:water) 3:1 or higher - formable	Ratios (mache:water) 4:1 - little 5:1 - definitely	Ratios (mache:water) 4:1 or higher - formable
Workability After Curing	Easy sanding, Somewhat carvable	Easy sanding Very carvable	Easy sanding Hard to carve
Effects/Conditions during/after Curing	Possible water separation and evaporation	Firmest set; Releases tiny bubbles to surface when setting; No separation of water	Nothing reportable
Big Differences	Virgin Paper Pulp	Sculptable; “Feels like clay, sets like mache.™”	Can add fillers
Extra Notes	Easy to color white base	When setting, forms tiny bubbles on surface that can be smoothed out	Add fillers; Add powder pigments or food coloring
Price per Pound	\$4.00	\$4.50	\$4.25