

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. |
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