

Castables



Castables, by Mayco, are ceramic casting molds students and consumers will find easy, fun, and educational to use. Greenware offers more versatility over bisque as the clay surface can be textured, cut and carved to create ornaments, nightlights, containers, collectables, sculptures, or decorations. The creative possibilities are truly endless.

Fundamentals of a Castables Program:

Two sessions allow for the creation of Castables: day one, creation and firing; day two, glazing and final firing. The initial process takes about 20-25 minutes to cast the shape and remove it; 10-15 minutes to make incisions and other surface alterations; and 10 minutes to clean the greenware. The balance of session one allows the piece to fully dry, and to be bisque fired over night. Session two is decorating and glazing day.

Castables Features:

- All supplies are non-toxic, making this friendly for all ages.
- Carvable, designable, and paintable.
- Educational: Learn to cast in a mold with slip, sculpt in greenware, and glaze dry greenware or bisque.
- Requires virtually no prep time. Use paper to cover tables, set out Castables Kit and go.
- Cleanup is minimal with a damp sponge and bucket.
- Great for Scout Badge requirements.
- Perfect For: school projects, camps, and workshops.
- Affordably priced.
- Provides over 100 pours per mold.
- Compact size for easy handling and storage.

Perfect For:

- PYOP Studios
- Community Art Centers
- Art Educators
- Scout Troops
- Kids aftercare and summer groups
- Home schooled children's groups
- Camps and workshops
- Institutional organizations
- Hobbyists
- And more...

Castables



Mold Size: 5.5" H x 3.5" W x 3.75" D, 2 lbs.



CD-1175 Tree
4"H x 2.5"W



CD-1176 Snowman
3.75"H x 2.75"W



CD-1177 Pumpkin
3.75"H x 2"W



CD-1178 Skull
3.25"H x 2"W



CD-1179 Heart
3"H x 3.5"W



CD-1180 Star
3.75"H x 3.5"W



CD-1181 Dog
3.5"H x 2"W



CD-1182 Cat
3.5"H x 2"W

How to Create Castables

Clean Mold

- Clean mold of dust, dirt and contaminants. Fit seams together and secure with rubber band.

Pour Slip into Mold

- Shake slip bottle. Hold mold at a slight angle and squeeze slip into mold opening (pour gate). As it fills, turn to a straight vertical position and fill until slip reaches top of opening.
- Check slip level after 3-4 minutes and add slip to top of pour hole if settling occurs.

Drain and Dry

- After 5-8 minutes, once greenware has set up with a 1/8" – 1/4" thickness, empty excess slip from the pour gate into a container. For two pour gate molds, alternate from one pour gate to the other by gently rocking the mold while it drains.
- Place emptied mold on a glaze drying rack with the pour gate facing down to allow remaining drips to drain.

Remove Casting

- After 15-18 minutes, remove Castables shape.
- Remove spare material from pour hole with a fettling knife.
- Remove rubber band. Pull top half of mold straight away from bottom half.
- Place bottom half of mold in one hand and turn it towards your bare hand to release shape.
- Place greenware on a flat newspaper-covered surface. Dry at room temperature until "leather-hard" and moisture has evaporated from the shape.

Clean Greenware

- Remove seam lines and dust.
- Remove abrasion marks, scratches and imperfections with a damp sponge.

Greenware Design Options

Cutting/Carving: When casting is firm enough to handle, cut out designs with an Exacto knife and clean.

Apply Color or Fire: Apply traditional underglazes or translucent underglazes to greenware stage or at the bisque stage.

Fire Greenware

- Make sure greenware is bone dry. Bisque fire to shelf cone 04 1945°F (1063°C) at slow setting or ramp rate.

by **Mayco**[®]

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