

# MOLD MAKING AND CASTING WORKSHOP

**Location and dates:** Different locations. Please check out the website to find out dates and locations

**Duration:** 3 days, 9 am to 5 pm.

**Max. # Students:** 10

## MOLDING

### Molds you are doing

- Brushed up mold. ( Plaster jacket )
- Block Mold in silicon.
- Solid mold in sections and lost mold.

### Things you are learning

- Type of molds, solid and flexible.
- What materials to use and how to use them.
- How to divide the mold in many parts making walls.
- Release agents, types you can find and how to use them.
- Work safe. Health and safety requirements.

### Material you are using

- Polyurethane.
- Mold making silicon.
- Plaster.
- Hydrocal.
- Silicon

## CASTING & FINISHING

### Things you are learning

- Casting with Hydrocal, and polyurethane resin.
- Brush up and solid cast.
- Avoiding bubbles and having good results.
- Washes and polishing compounds to create effects.

### Material you are using

- Plaster
- Hydrocal.
- Silicon.
- Polyurethane resin.

# PROGRAM

Day 1:	Theory:	<ul style="list-style-type: none"> <li>- Molds: General info, types of molds, materials, etc.</li> <li>- Silicon. Types, what to choose and how to use them.</li> <li>- Brush up silicon mold &amp; Block silicon molds.</li> <li>- How to make plaster molds.</li> </ul>
	Practice:	<ul style="list-style-type: none"> <li>- Preparing the object 1 for molding.</li> <li>- Preparing and making the block silicon mold of object 2.</li> <li>- First and second layer of brushed up silicon mold.</li> </ul>
Day 2:		<ul style="list-style-type: none"> <li>- Plaster: Types and how to use it.</li> <li>- Polyurethane resin: Types and how to use it.</li> <li>- How to make walls.</li> <li>- Release agents for molding.</li> </ul>
	Practice:	<ul style="list-style-type: none"> <li>- Third layer of brushed up silicon mold and Making the jacket of the buttered silicon in plaster.</li> <li>- Plaster molds of object 3. Molding &amp; casting.</li> <li>- Open and Casting block mold.</li> </ul>
Day 3:	Theory:	<ul style="list-style-type: none"> <li>- Solvents and fillers.</li> <li>- Release agents for casting.</li> <li>- Patinas. Some tricks for patination.</li> <li>- Presentation of the work.</li> </ul>
	Practice:	<ul style="list-style-type: none"> <li>- Clean up Brushed up mold and prepare for casting.</li> <li>- Casting in hydrocal.</li> <li>- Preparing the casts for patination.</li> <li>- Casting silicon mold with hidrocal.</li> </ul>

## Terms & conditions

- All materials included in the price within the conditions.
- 30% cancelation fee will be applied for cancelation a week before the workshop starts, due to the high cost of materials.
- Important! Safety mask with organic filters **must** be provided by the student.
- An apron or clothes to work must be wear at work.
- Store of your work will be available in the studio during the workshop. All your material need to be removed at the end of the course.

## Objects

- Objects to mold are up to the student. Pictures of the objects need to be submitted for assessment and approval before the workshops starts. Unapproved objets to mold might not be suitable for the workshop and potentially it could be rejected.
- Size of the object should be within the dimensions stated above. Bigger sizes objects (if approved for the workshop) might occur in extra costs of material to pay by the student. This will be notified and paid prior the beginning of workshop.
- Each student need to provide 3 objects to mould with this criteria prior to the workshop.

OBJECT 1:  
For buttered or brush  
up silicon mold.

- Solid volumen no bigger than 200 x 200 x 200 mm approx., without parts sticking out or they must be small. No concavities or small. Example, an open mouth head would not be not accepted for the course.

OBJECT 2:  
For Block mould.

- Solid volumen no bigger than a thumb size 50 x 50 x 30 mm approx., without parts sticking out or they must be small, example is a lego brick with the bottom sealed, or a small cup.
- No concavities or small.

OBJECT 3:  
For plaster mold.

- Solid and flat volumen no bigger than a face (200x200x50 mm approx.), without parts sticking out or they must be small, example is a face with the nose.
- No concavities.