

Casting For Beginners



**Detailed
Instructions**

What You Will Need



Molds



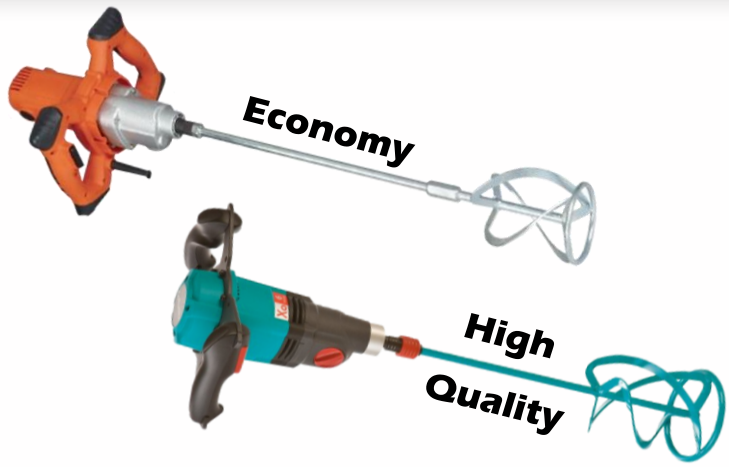
Sand



Cement



Heavy Duty Bucket



Mixer



Mixing Container



Superplasticizer



Release Agent



**Non Aerosol
Sprayer**



Plastic Sheet



**Vibration
Table**

1

The first step is choosing which concrete to use. If you aren't adding any additives, use store bought concrete and skip to step OOOOO. If you are, use cement and sand to properly calculate how much of each additives to use based on the cement weight.



or



+





**Measure 2 parts
mason sand and 1
part Portland cement
type I-II by weight**

2

**Our website has
detailed material
measurements for
each mold**





PRO TIP

Pour the sand into the bucket first or else too much cement will stick to the bottom and sides of the bucket



**Premix all
the dry
materials and
then add
water. Mix
again**



**Water
dosages for
each mold are
on the molds
web-page**

3





4



Too little water will make the concrete unworkable. Too much water will make the concrete weak

Add super-plasticizer for a strong and workable concrete



**Place your mold
on a separate
piece of wood to
move it easier**

**The mold I
used was
MS-871**





Spray G-1 Release Agent onto the mold to keep the mold from sticking to the concrete

6

Pour the concrete into your mold



7

**Shake the
mold form side
to side to
distribute the
concrete
evenly**



8

**Vibration tables
are the best way
to remove
bubbles from the
surface of your
stone. For a
cheaper
alternative, you
can make your
own with a
vibration motor.**





**Clean the mold
of all the excess
concrete while it
is still wet**

**Covering the mold
with plastic while it
is curing will make it
much stronger**





10



**Demold
after 24
hours**

**The longer
you wait to
demold, the
harder it will
be**

**Place the panel on
two stilts for it to
dry completely**



11

**Wait 7 days
before
installing onto
a wall**



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