

... Plugged In

Make a "Plug Mould" to create a hollow cast with inner and outer detail.

A Plug mould is used for a casting technique called "squash casting". The two part mould consists of a outer base mould and a "plug" top mould. The "plug" fits inside the base mould to "squash" the excess resin out.



Before you start... Although this technique is not difficult, it is advanced. Reading/practicing of basic mould making techniques is recommended before attempting this mould.

SAFETY FIRST - Most materials used in today's hobby moulding and casting are safe if used properly and as directed.

- **READ ALL TECHNICAL AND SAFETY INFORMATION FOR EACH PRODUCT PRIOR TO USE.**
- Keep products out of reach of young children.
- The wearing of rubber gloves and protective clothing is recommended
- Always follow manufactures instructions when using product.



Add exit sprues to your Model (Master).



Place a layer of klean Klay inside the Model ensuring all openings are covered.



On outside, clean and smooth edges of all openings.



Embed the Model in clay on mould box base. Add holes for registration keys.



Build mould box. Measure, mix and pour silicone. Allow silicone to cure.



Carefully remove clay. DO NOT remove the model from the mould



Rebuild mould box. Apply release agent.



Measure, mix and pour second half of silicone. Allow to cure



Find the join line and carefully separate the mould



Gently "pull" the inner mould, removing it from the outer mould. Your mould is complete.

For casting see our tech sheet "Casting in a plug mould"

Extract from *Advanced Mould Making and Casting for the Hobby Modeller* (ARePublishing)