

Introduction

March 2019

About

At ScaleCast we want to provide the best real stone products that go far beyond levels of detail, but also provide an easy and effective product set that help you achieve beautiful scenery that looks as real as possible

O Gauge Victorian Shop

Overview

Building plans for real stone buildings from www.scalecast.co.uk



Main View



Close up of roof and goods inwards

Our kits provide all the parts needed to make several different buildings and you can extend the designs by adding lots of new add on elements and variations, so as we work through the instructions that follow always keep in mind that nothing here is set in stone, you can replace many parts from our full range available

So, let's get planning and building

Casting

For casting we have several videos and instruction documents on our website, so will not cover this in any depth here.

Casting in plaster can be a little more of a challenge but in our opinion provide that real stone look and feel and we think is much better for painting and weathering.

Casting in resin is fast and much easier in some respects but you need to take much more care with the gluing and painting.

Why not try both and see what you like best.

It is suggested that you make all your parts so as soon as you start building you will have everything you need as you want it and it also gets you to a finished

Starting with the parts

Our Kits

At the time of these plans we have 22 moulds in our O Gauge range. You do not need all of them to build, however you can always just add a few moulds to your set and extend the possibilities

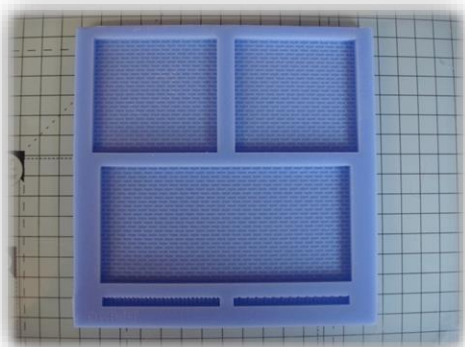
The moulds and parts

All our products are silicone and can be cast using either Tuffcast plaster or resins, so the parts themselves will be the same however the gluing will be different, for plaster you should use a good PVA (also known as woodwork adhesive) and for resin parts you would use superglue.

Moulds used in the making of this building are:-

OGB01 / OGB02 / OGB03 / OGB04 / OGR03

Let's look at the individual moulds before we get started on the build.

| | |
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|  | <p>OGB01</p> <p>This mould produces the main wall sections and corner fillets.</p> <p>KEY MOULD</p> |
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product quicker

Did you know

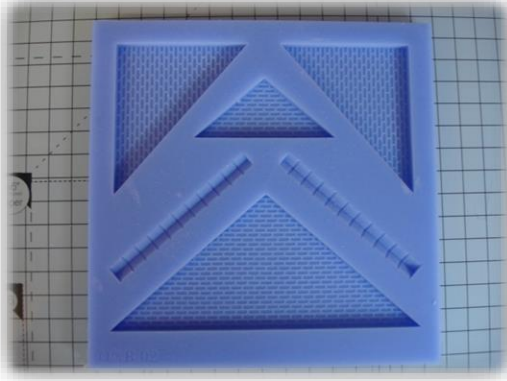
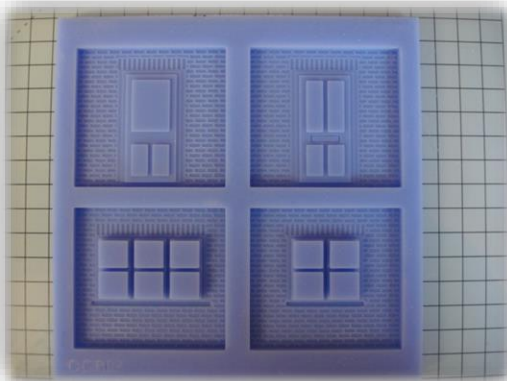
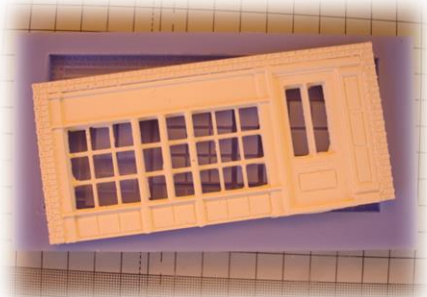

When casting in stone you can spray the moulds with water mixed with a drop of washing up liquid and the casts will look much better as the solution helps the casting mix flow into the mould.

Just get one of those spray bottles, fill with water and add a few ml of washing up liquid, or you can use rinse aid which many people say works even better.

Painting

We recommend you use acrylic paints, so you can mix 50/50 acrylic and water to thin the mix.

For best results create a thin mix and paint the whole building as this will ensure all the cracks are covered as

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|  | <p>OGB02</p> <p>This mould produces the wall apex pieces and ridge tiles.</p> <p>KEY MOULD</p> |
|  | <p>OGB03</p> <p>We use these many times as it provides the 2 door and 2 window design tiles.</p> <p>KEY MOULD</p> |
|  | <p>OGB04</p> <p>Victorian Shop Front</p> |
|  | <p>OGR04</p> <p>Pantile Roof sheet mould</p> <p>Note (You can use any of our roof sheets if you prefer)</p> |

well as cover any glue that may be on the face of the building.

Now you can mix the colour you want and paint the model.

A little practice on a few spare parts is always the best way to test, so you can achieve the desired results.

We have several painting workshop articles on our sister website
www.linkaonline.co.uk

Inside Information

Did you know we have several areas where we post updates, we have several Facebook pages, we are also on twitter and you can subscribe to both our websites to get our newsletters and a host of other information

So now we have seen all the moulds and what they look like we can get on with a few plans and start our building

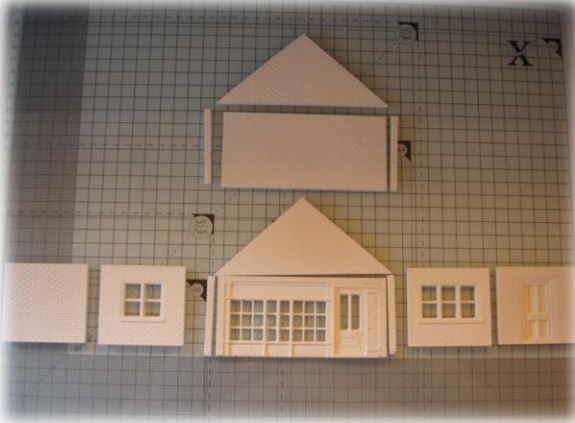
We advise that you watch our videos on pouring Tuffcast or Resin on our YouTube channel, if you are new to Scalecast.

You will need to pour the moulds this number of times:-

OGB1 x 2
 OGB2 x 2
 OGB3 x 1
 OGB4 x 1
 OGR3 x 2

After all the moulds are poured and cast have dried sufficiently to extract, place the cast on sheets of kitchen paper to allow them to fully dry, the kitchen paper helps draw out the moisture.

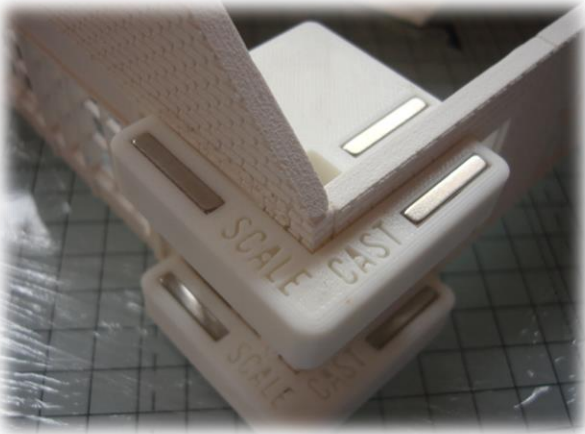
Note- If you are casting with plaster as shown here then you will use a good PVA and if your using resin parts then you need to use superglue



When the casts are fully dry lay the casts out as shown in the picture.

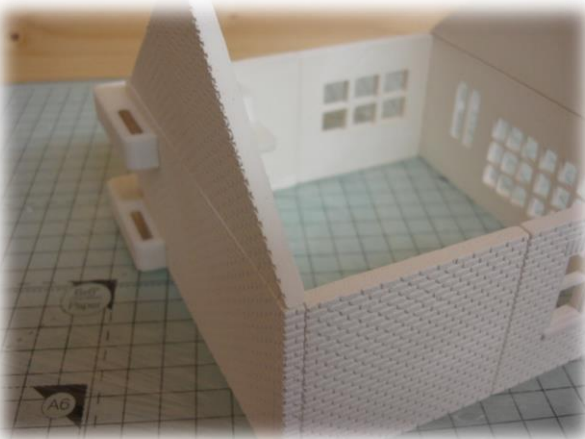
Then we advise you to cover your work area with Greaseproof paper or cling film, (this will prevent any excess glue sticking the casts to your work area).

Now glue the parts together to make the individual walls, and allow to dry.

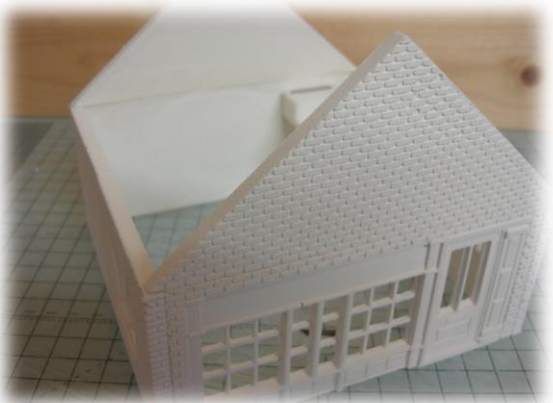


When the wall sections are dry glue the front wall to the side wall and the rear wall to the other wall.

Ensure they are held at 90 degrees to get a good build.



When the two sections are dry glue them together.



Allow to dry before continuing.



Next add one side of the roof.





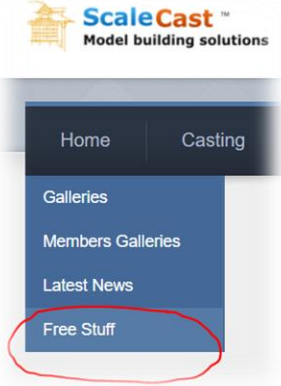
Then add the other roof piece and the ridge tiles.



Any gaps can now be filled using a watery mix of Tuffcast. When dry brush away the excess.

You are now ready for painting.



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|  | <p>All our building plans are FREE.</p> <p>If you want more building plans, they are free to download on our website www.scalecast.co.uk</p> |

Inspiration

The great thing is that you can make many variations as well as add several of our other mould products to extend on your ideas.

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| | <p>Adding to your collection of our O gauge range you can build literally hundreds of different buildings and the great thing is our moulds will last for many years.</p> |
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|  |  |  |  |
| Low Relief Stone Building | Terrace Houses | Village Shops | Water Wheel |

We are extending our range of moulds all the time, allowing you to build many more exciting realistic stone buildings. All you need is lots of casts and some imagination www.scalecast.co.uk.

All our building moulds are in one place so you can find them easily <https://www.scalecast.co.uk/html>

Happy Building