

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 scenes that look as real as possible.

Tudor Style Thatched roof Bungalow

Overview

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



Main View



Skill level-- Easy

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 available range.

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 product quicker.

Starting with the parts

Our Kits

At the time of these plans we have 5 moulds in our Tudor range. You do not need all of them to build, however you can always just add moulds to your set and extend the possibilities.

The moulds and parts

All our products are silicon 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.

For this model we used a wide range of moulds so we could show off as many part variations as possible, however as mentioned you could easily replace many of the windows and tile sections with the ones you prefer. So, this build uses some of the following moulds.

This set of plans can be used for Tudor Kits 1-4 regardless of which set you choose.

The moulds in the sets are:-

TK01....Thatch1 / T1 / T3 / T4 / T5

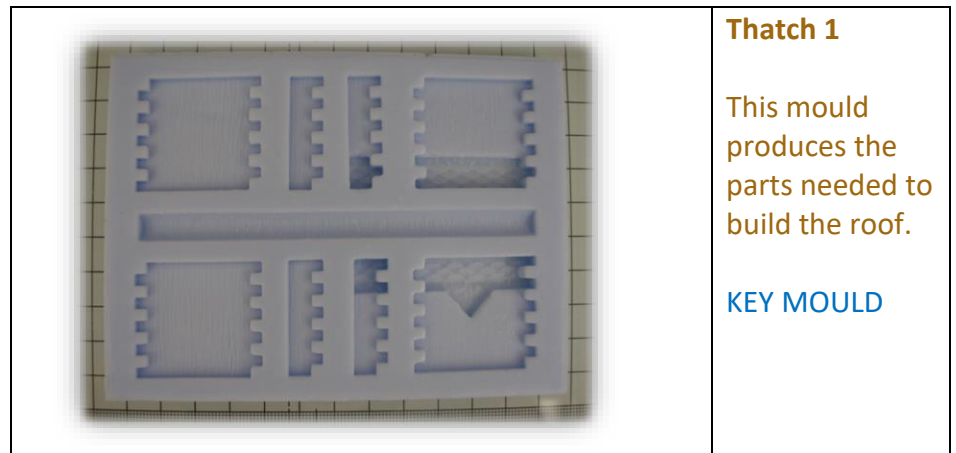
TK02....Thatch2 / T1 / T3 / T4 / T5

TK03....Thatch1 / T2 / T3 / T4 / T5

TK04....Thatch2 / T2 / T3 / T4 / T5

After you have bought one of these kits, all you need to do is purchase another single mould in our range and you will be able to build a Tudor building with different styles. All our moulds are interchangeable with each other.

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



Did you know

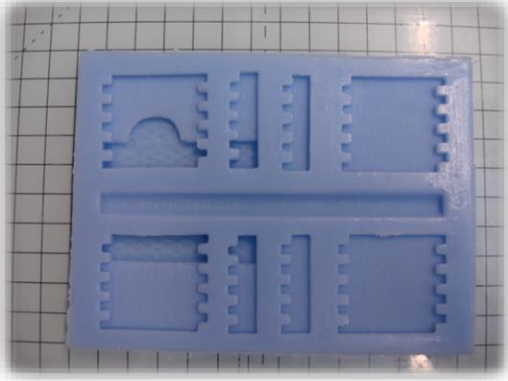

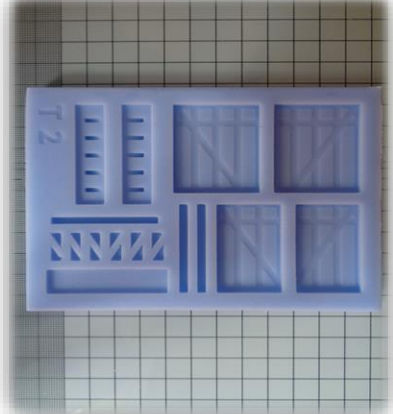
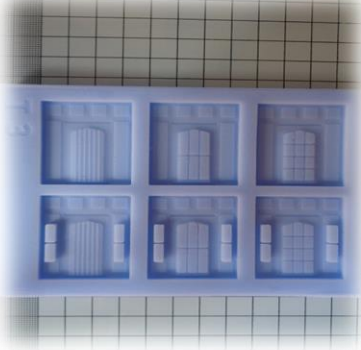
When casting in stone it is best to spray the moulds with water mixed with a drop of washing up liquid the casts will come out easier and look much better as the solution helps the casting mix flow into the mould.

Just get one of those cheap spray bottles, fill with water and add a few drops 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

	<p>Thatch 2</p> <p>This mould produces the parts needed to build the roof.</p> <p>KEY MOULD</p>
	<p>T1</p> <p>We use these many times as it provides plain wall tiles in various widths.</p> <p>KEY MOULD</p>
	<p>T2</p> <p>This mould produces wall pieces with a diagonal bar.</p>
	<p>T3</p> <p>This mould will produce assorted doors.</p>

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

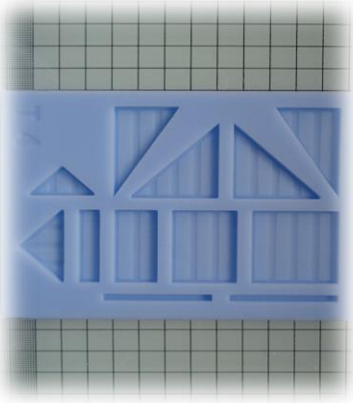
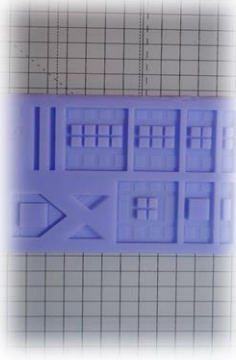
Now you can mix the colour you want and paint the model.

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

	<p>T4</p> <p>This mould gives us the roof apex pieces and wall pieces to accompany them.</p>
	<p>T5</p> <p>With this mould we can make assorted sizes and designs of windows</p>

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

The first job is to make the casts we will need to complete the building.

We strongly advise that you watch the videos about mixing and pouring Tuffcast or Resin on our YouTube channel.

To complete the build pour:-

Roof x 4

T1 x 2

T3 x 1

T4 x 2

T5 x 2

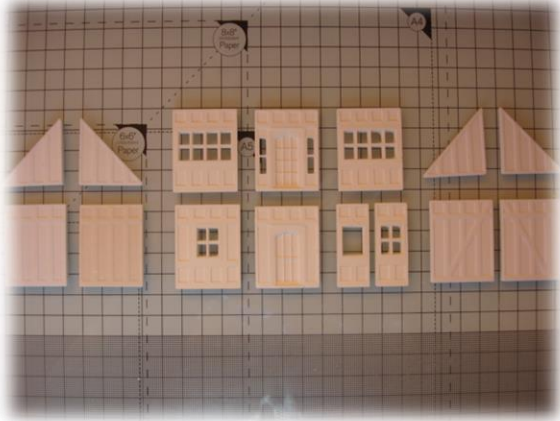
Note- If you are casting with plaster as shown here then you will use a good PVA and if your using resin parts then you need to use superglue

You can also use these plans to build a Tudor House. All you would need to do is cast more wall section casts and add a row of casts above the ones in these plans on all 4 wall sides.

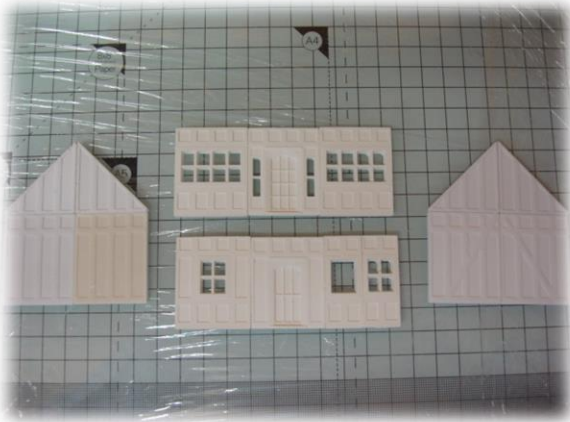
You would then have a Tudor House.

This shows how easy it is with our moulds to mix and match and build a variety of buildings with just a few moulds.

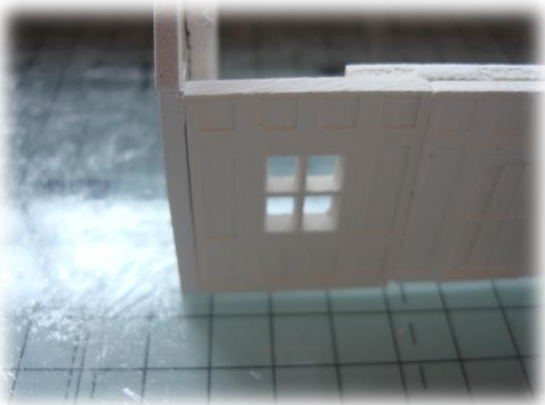
So just purchase another mould at a future date and you can expand you building possibilities they are endless!!!!



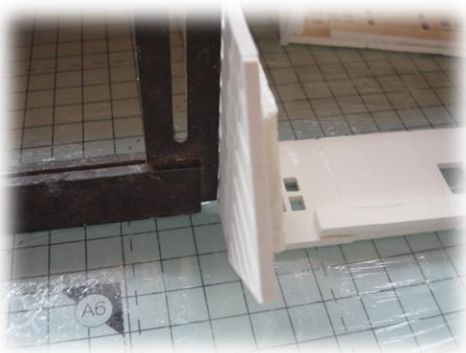
When all the pouring is complete and the cast have thoroughly dried lay your chosen casts out on your workspace as per the picture.



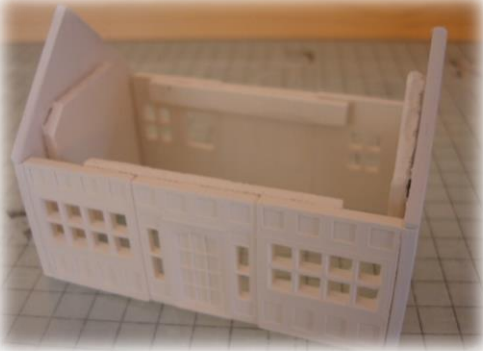
With your work area covered with cling film (this prevents the cast getting glued to the work area) glue the pieces together to make your wall sections.
Leave these to dry thoroughly.



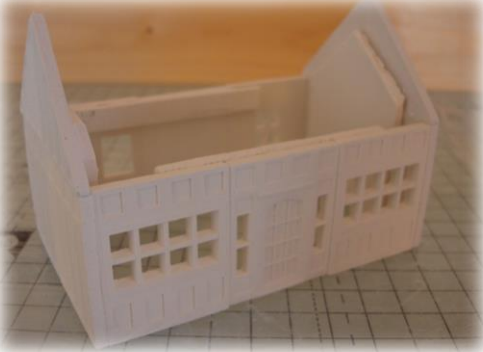
Next glue the front wall to one end wall and the rear wall to the other end wall.



Take care to ensure that the walls are held at 90 degrees to ensure a better build.



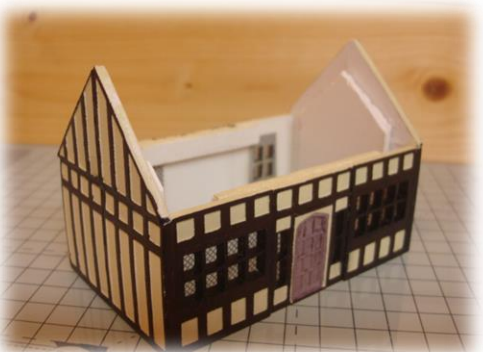
Next glue these two sections together to make your building.



Leave the building to dry completely. When dry check for any gaps and if necessary using a mix of very watery Tuffcast fill any gaps using a small paint brush. Allow to dry before removing any excess from the building.



At this stage we break from the norm and paint the building before adding the roof, the reason for this is....When using the thatch roof there is a large overhang at the front and back, this makes painting under the eaves virtually impossible.



We advise that you paint the whole building with acrylic paint either white or cream color (your choice).

Then to do the black beams we have found that the best way is to use a Sharpie Pen. Care must be taken at this stage to ensure clean lines.

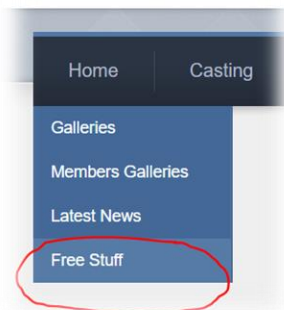
	<p>Now pour the moulds for the roof.</p> <p>When dry lay out on your work area and do a test fit.</p>
	<p>When using the thatch roof we advise that you support the casts and glue face down to get a better finish, also glue one of the ridge tile pieces on the back of the roof sheet at the bottom edge. This will give a better look to the finished model.</p>
	<p>When the roof pieces are dry paint the underside of the roof the same colour as your finished roof will be about 1 cm in all around the edges. Again this is done because painting later will not be possible.</p>
	<p>Allow the paint to dry then the two roof pieces can be glued to the building, along with the ridge tile.</p>
	<p>Don't worry if there are a few gaps in your roof.</p>



With a small brush and a pot of watery Tuffcast again brush the mix into the gaps and when dry rub away the excess, and you should end up with the finish in the picture.



Then you are ready for the final painting. Paint the roof a straw color of your choice.

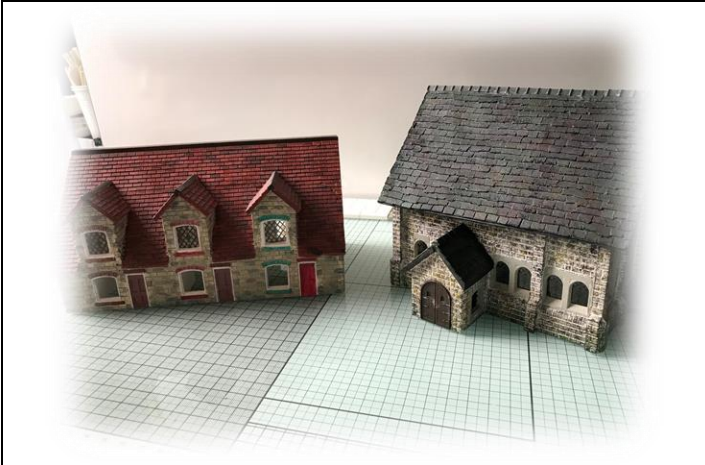


All our building plans are FREE.

If you want more building plans, they are free to download on our website www.scalecast.co.uk

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.



Adding to your collection of our range you can build literally hundreds of different buildings and the great thing is our moulds will last for many years.

Here is another stone building that shows off our Victorian slate roof.



Low Relief Stone Building

Terrace Houses

Village Shops

Water Wheel

We have fully extended our range of moulds so now you can build many more exciting realistic stone buildings. All you need is lots of casts and some imagination www.scalecast.co.uk.

We are continually expanding our range of moulds so check our web site often to see what we have produced.

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

Happy Building