

Introduction

November 2018

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

Goods Shed

Overview

Building plans for real stone Goods Shed from www.scalecast.co.uk



Goods shed view 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

Starting with the parts

Our Kits

At the time of these plans we have 15 moulds in our NS 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

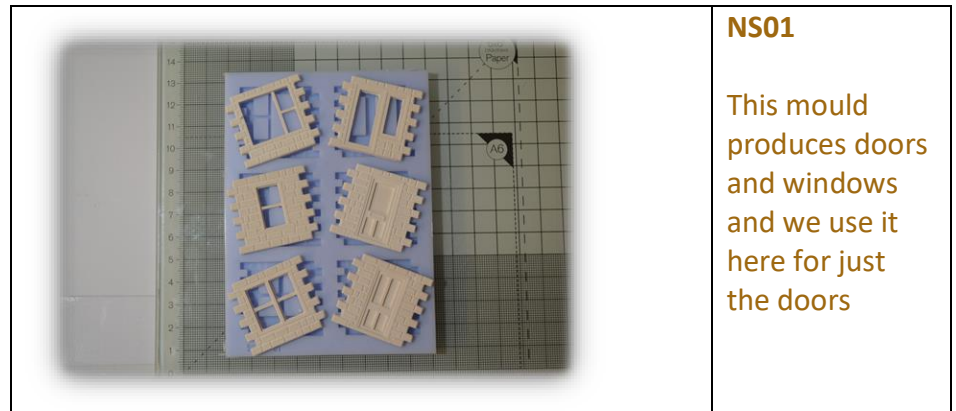
The moulds and parts

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.

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, for this build we use the following moulds.

Moulds used in the making of The Goods Shed Are:- NS 1 / NS 6 / NS 7 / NS 12 / NS 14 / CM 042 Pantile Roof / Copping Tiles (Your Choice of Style)
(Note:- you can use whichever roof style you like from our range)

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



gets you to a finished product quicker

Did you know

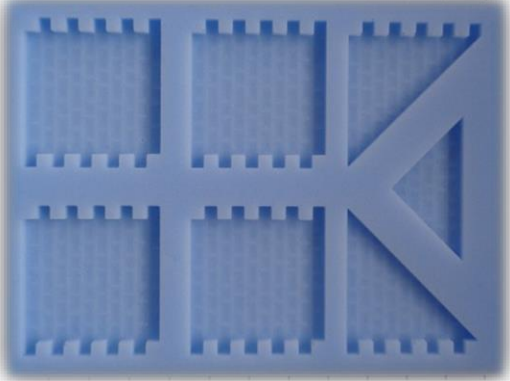
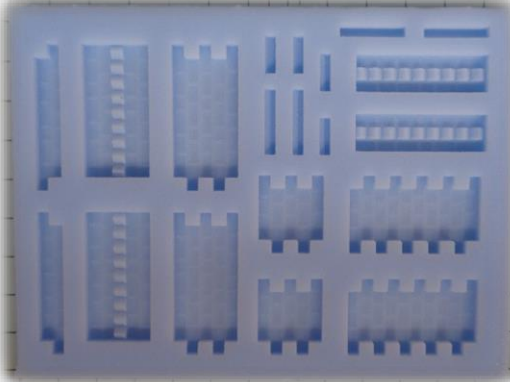


When casting in stone you can spray the moulds with water mixed with a drop of washing up liquid and the casts will look much better as the solution helps the casting mix flow into the mould.

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

	<p>NS06</p> <p>We use these many times as it provides the main stone tiles as well as the end gables</p> <p>KEY MOULD</p>
	<p>NS07</p> <p>This mould gives you many detailing parts</p> <p>We use the half tile sections in this build</p> <p>KEY MOULD</p>
	<p>NS12</p> <p>This is used as the main front and the doors</p> <p>KEY MOULD</p>
	<p>NS14</p> <p>We use this for the step's sections</p> <p>KEY MOULD</p>

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

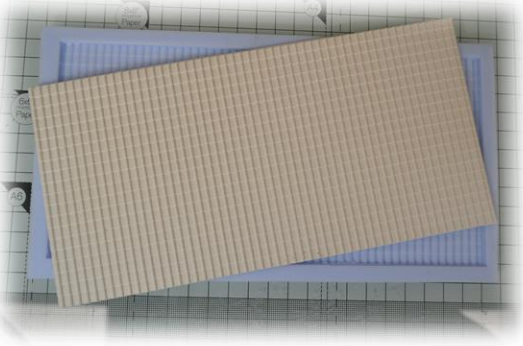
Now you can mix the colour you want and paint the model.

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

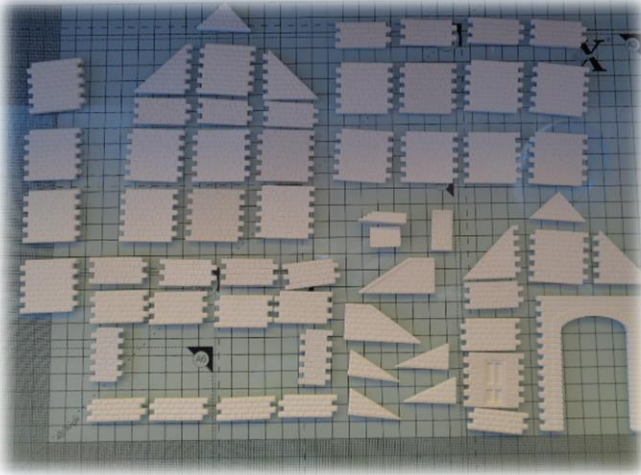
We have several painting workshop articles on our sister website
www.linkaonline.co.uk

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>CM42</p> <p>Pantile Roof sheet mould</p> <p>Note (You can use any of our roof sheets if you prefer)</p>

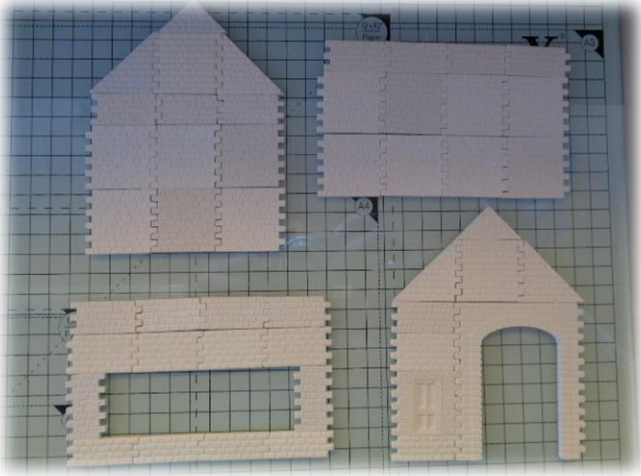
So now we have seen all the moulds and what they look like we can get on with a few plans and start our building



Let's start by looking at all the tile sections that we will be using to build this model. This is a great time to see if you want to make any changes to your design.

By laying out parts in this way everything just starts to make perfect sense and allows you to adjust and try new things before you start your build.

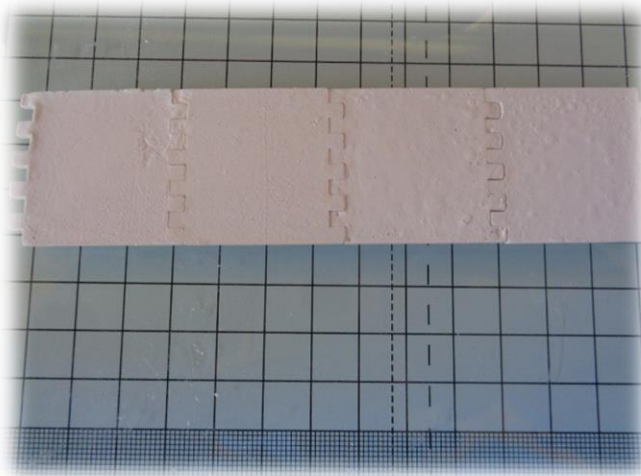
Please note we recommend the 4 row tiles along the bottom of the entire building as when we add the facing stone a little later it looks perfect



This view shows all the parts as they will be when bonded together and again gives you the opportunity to interchange any tiles with others if you prefer.

When you are happy with what you see you can begin the gluing of the parts.

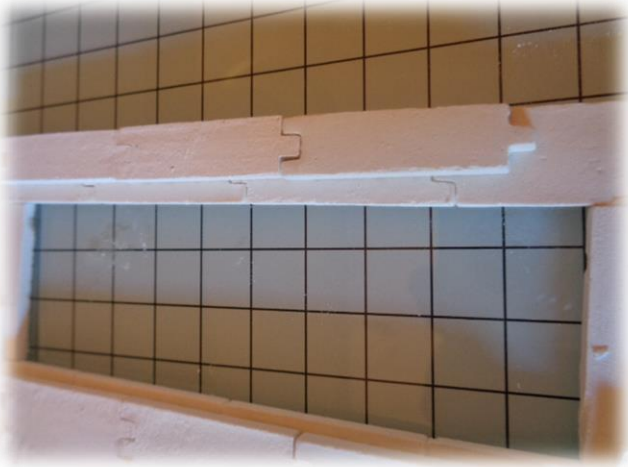
Note- If you are casting with plaster as shown here then you will use a good PVA and if your using resin parts then you need to use superglue



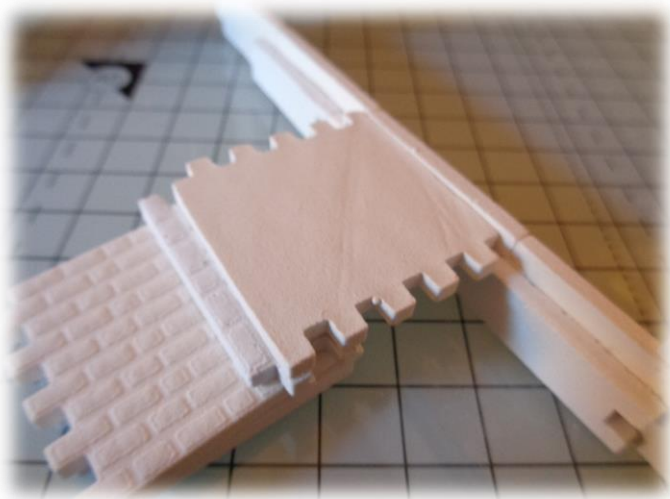
When gluing the parts, place them face down on the surface as this ensures all the stone is kept perfectly inline, allow to dry and then turn the main parts face up as shown here.

Note- It is a good idea to use a greaseproof paper on your worksurface as it stops any glue that may be on the surface sticking to your workbench.

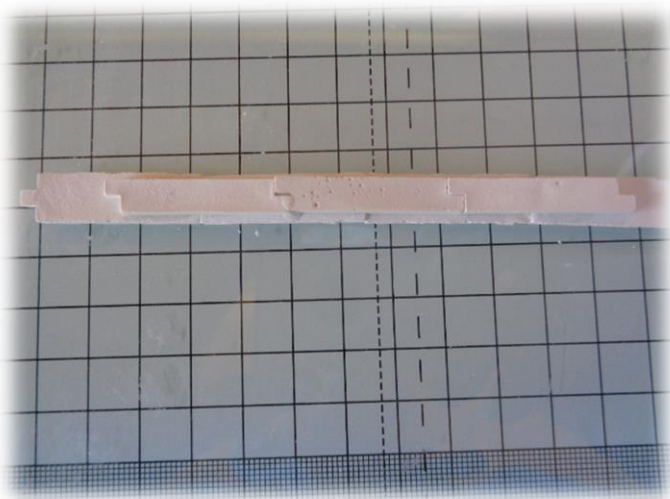
Don't worry if you have a few gaps in the fingers or joints as we will deal with them a little later.



Now add some 3 row sections to the inside of the goods inward window frame at the bottom, these will act as supports for the loading platform as seen in the next images

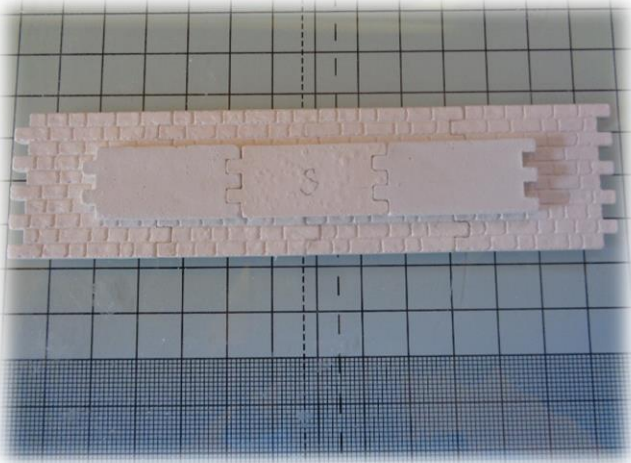


Here we are showing how this works, so you see we will use some main tiles face down and they will be online with the walling edge



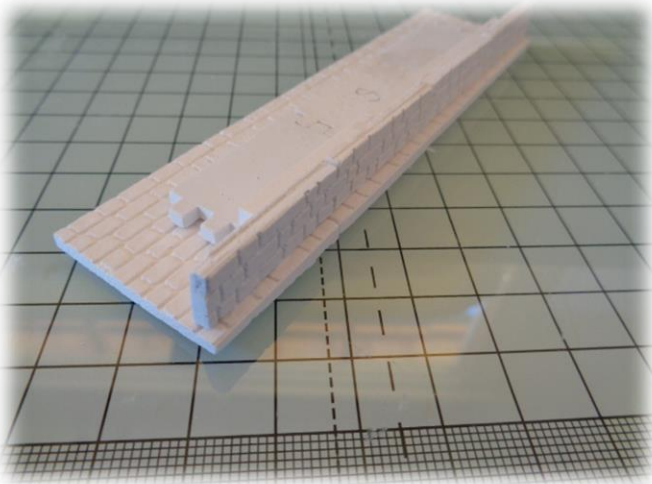
Using more of the 3 row sections we are making a strip here to support the back of the tiled section, this makes more sense as you move ahead in the build

Take 4 full size wall tiles and cut pieces 3 rows of stone wide



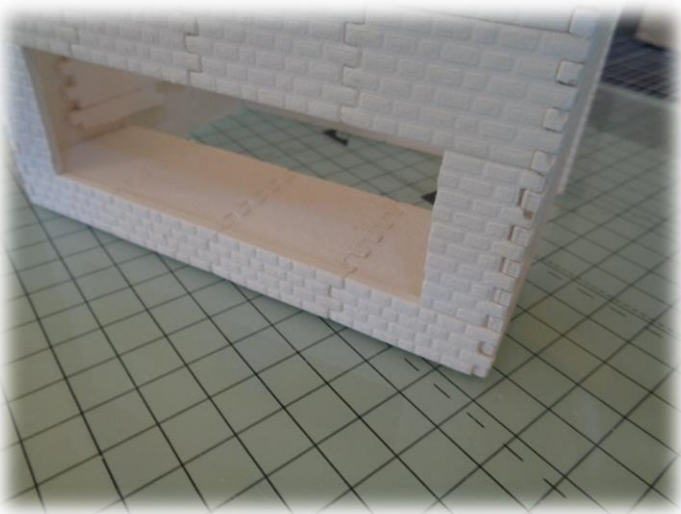
So, this will be the loading platform, just add some spare tiles underneath as shown to add strength to the build.

Now Glue 4 full plain wall tiles together. These will be used for the loading bay floor. Ensure that the strengthening pieces on the rear are central

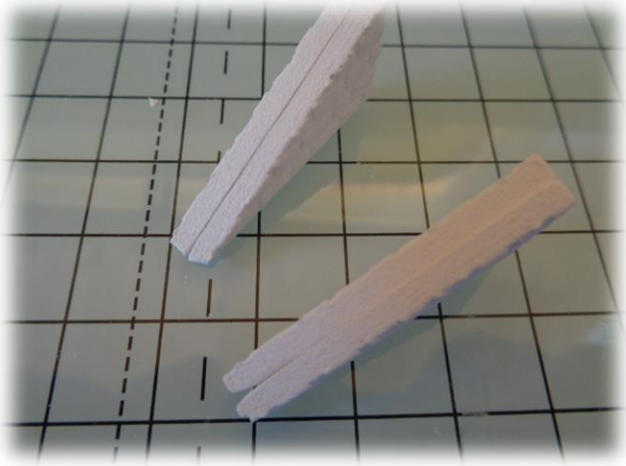


Now we can add the walling together to make what looks like a shelf structure, then cut off the fingers of the casts from both ends and file smooth as this will now go inside our building.

Take 4 of the 3 row strips cut earlier and glue together, this will support the loading bay floor.

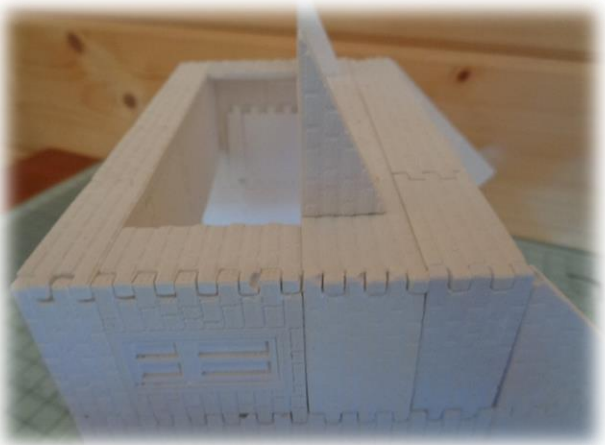


Now you can see how the shelf section looks when inserted into the building

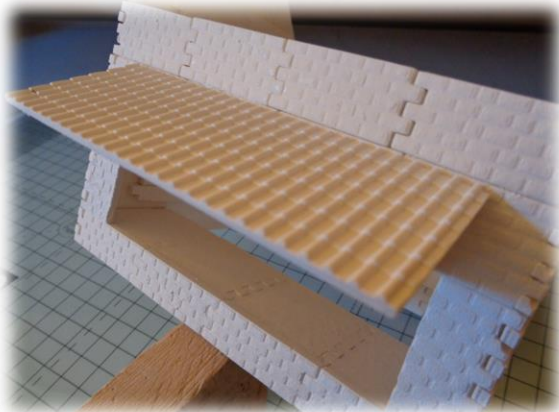


Next we are going to add the small canopy roof section so we have used two sets of the NS14 Small Triangle Cast parts

Now take 4 Loading bay roof supports and glue together.



When dry lay the building on the side wall opposite the loading bay and glue the roof supports to above the loading bay. Level with the bottom of the opening and slightly in from each end by 2/3mm

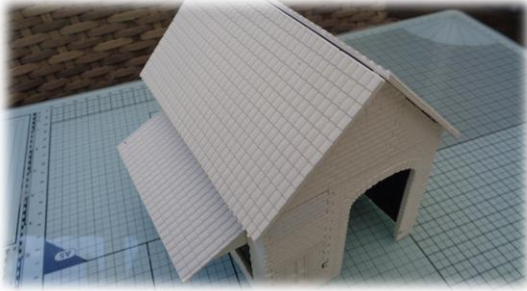


When these are dry, add a piece of roof sheet.

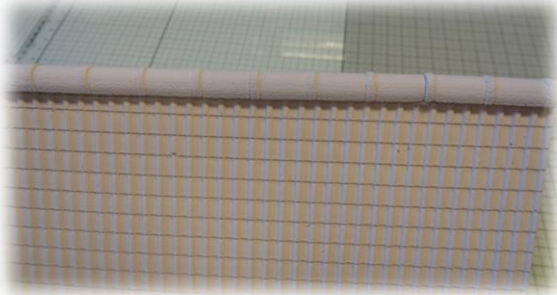
TOP TIP. Rest the building on a block of wood or similar to lift the wall to a position where the roof is nearly flat. This makes gluing easier as the roof piece will not tend to slide off.



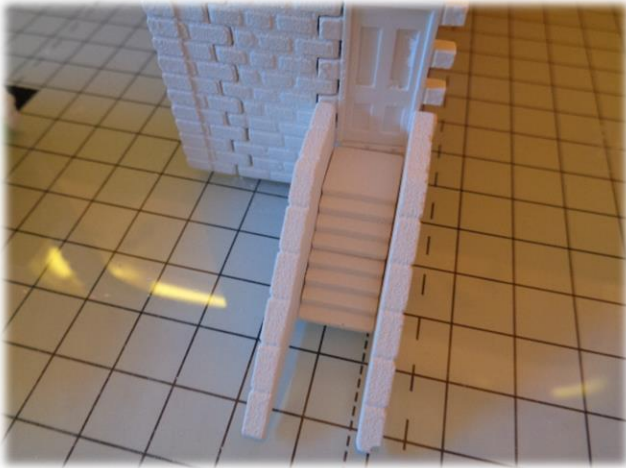
The next job is to paint the inside of the building as it is very difficult to do when completed.



The main roof can now be added, using the same method for angling the building to make it easier to add the roof.

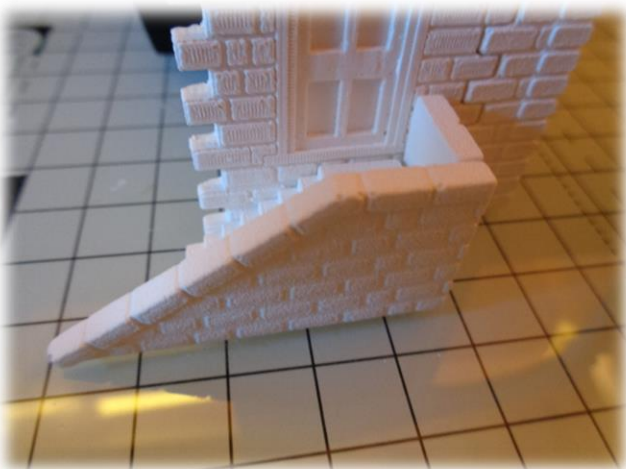


Now add the coping tiles

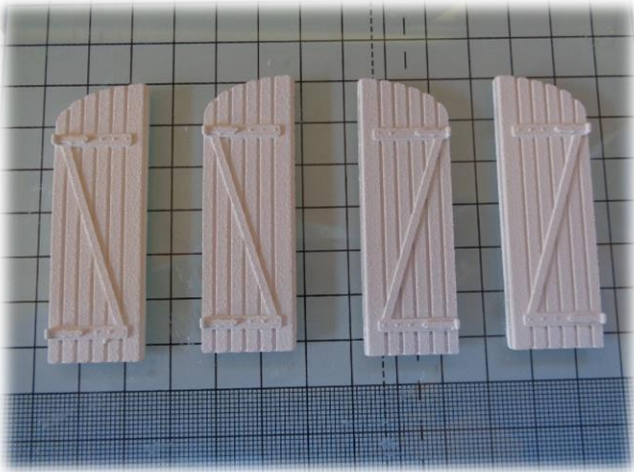


Next add the steps to match your small door, these are made up from the NS14 Mould parts.

You can do you steps in a few ways so just choose the one that you like the best



Here are the steps made up as a corner section just to show you how they look.



Take the 4 door pieces and glue 2 back to back to form complete doors



You can now move on to the filling stage by using a watery wash coat of Tuffcast brushed gently into any gaps.

So, mix a little Tuffcast plaster with water and use a brush to fill in any small gaps over the building.

Another option is to use PVA glue to fill the gaps and then apply a thin wash of acrylic paint watered down over the whole model as a base coat



As can be seen here, all the gaps are closed, and we are ready to move on to the painting stages.





After adding a base coat of paint, we can now start adding some paint to the building, in this example we have just dry brushed some grey that will show through as we brush over more colours to get the effect we are looking for.



Then in this example we have painted the roof and also odd stones in the walling have been shaded in different darker colours to add the effects.



Of course, you can go on with weathering as show here on our roof, to add aging effects as you see fit

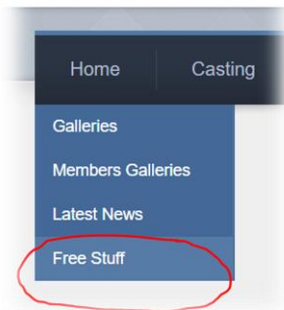


Last we added the doors, these are glued in place and in our model, we show them open as we want to show a carriage inside the goods shed



So. Your finished model should look something like this.

Don't forget you can also use these moulds to create many other models.



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 NS 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. So, by adding our NS01 windows mould you could make something like this.



Low Relief Stone Building



Terrace Houses



Village Shops



Water Wheel

We have fully extended our NS stone 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.

All our stone buildings moulds are in one place so you can find them easily

<https://www.scalecast.co.uk/store/c31/Stone.html>

Happy Building