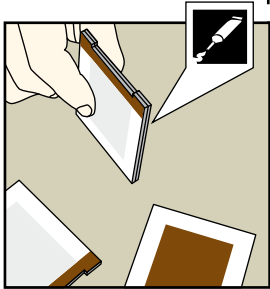


1 Glue to **heavy weight card:** Base layers

Glue to **medium weight card:**
Walls

Glue to **light weight card:**
Corner cap base layers

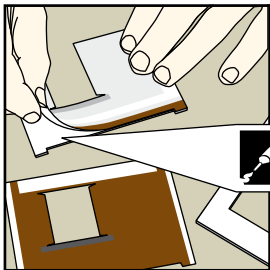


2 **Forming the walls** → Cut out the *Internal* and *External side walls*. Glue walls together **BACK TO BACK** (printed sides out).

ENSURE THE TOPS ARE FACING THE SAME WAY.

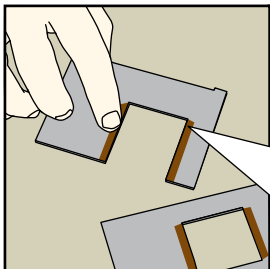


Apply weight to ensure good adhesion.



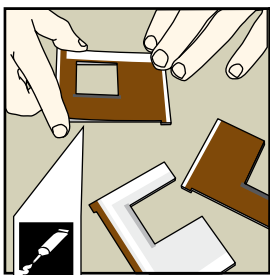
3 Cut out the *Wall base layers* including the door openings. Cut out *Internal* and *external wall cover layers*.

Apply a thin even coat of glue to the *Wall base layers* and squarely position the *cover layers*. Check for bubbles and creases.



4 Flip the wall over (print down) and apply a thin bead of glue along the door opening flaps and gently fold the tabs tightly around the card. Check for bubbles and creases.

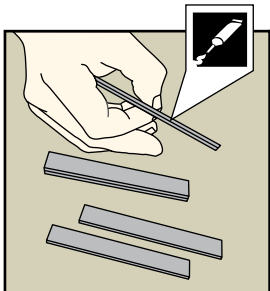
Wrap & glue



5 Glue walls squarely together **BACK TO BACK** (printed sides out).



Apply weight to ensure good adhesion.



6 **Building the buttresses** → Cut out the *External buttress base layers* and glue into blocks of TWO. Repeat with the slightly shorter *Internal buttress base layers*. Allow glue to set.



Apply weight to ensure good adhesion.

Assembly ↓



Spot or thin bead of glue



Wrap & glue

Wrap and glue printed sheet around edge



Coat well with glue stick



Print only

Printed sheet only required



Cut along line



Fold along line



Light card

Glue printed sheet to:
OO approx 200gsm
N approx 80gsm



Lightly score and fold along line



Medium card

Glue printed sheet to:
OO approx 1mm
N approx 200gsm



Apply weight



Assembly tip



Roll and glue edge

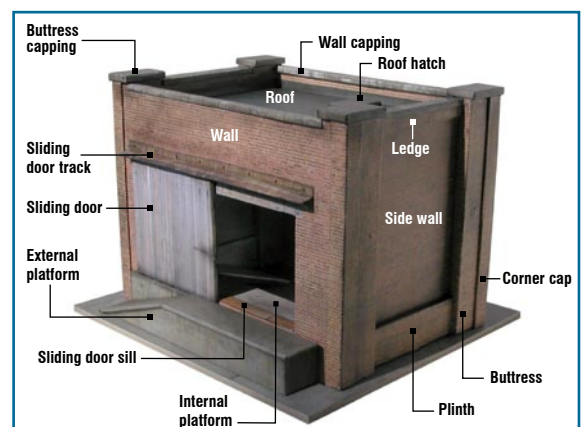


Heavy card

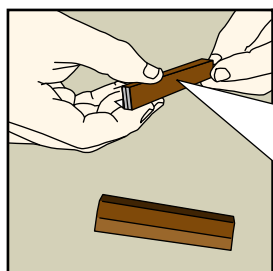
Glue printed sheet to:
OO approx 2mm
N approx 1mm

Tools required ↓

- ☐ Steel ruler
- ☐ Modelling knife [card blunts knives, replace blades regularly!]
- ☐ Tweezers
- ☐ Glue stick [ideal for applying printed sheets to card]
- ☐ 'All purpose' clear or PVA adhesive
- ☐ CA or 'super glue' [ideal for small fiddly elements]
- ☐ Matt spray varnish
- ☐ Marker pens [to remove any white paper edges]
- ☐ Cutting mat or sheet of thick card
- ☐ Damp cloth [to wipe glue off fingers]
- ☐ Fine sand paper [to smooth rough edges]
- ☐ Small right angled square or block



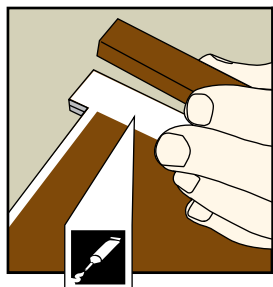
R002a Small Warehouse



7 Fold along the blue dotted lines on the *Internal and external buttress cover layers* and cut out each of the sections.

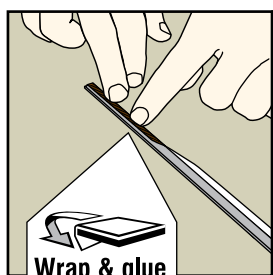
 **Wrap & glue**

Glue and wrap the *Buttress cover layers* over the corresponding length base layer blocks. Check for bubbles and creases.



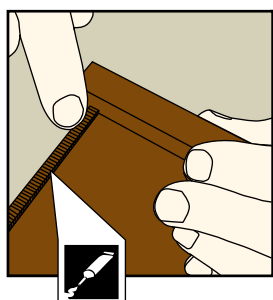
8 Test fit and squarely glue the external buttresses to the outside of both side walls.

Flip the side walls over and repeat with the internal buttresses, ensuring that they line up with the bottom of the wall.

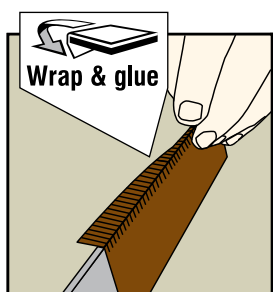


9 **Adding the ledge →** Cut out the *Ledge base layer* and *Ledge cover layer*. Carefully glue the *Ledge base layer* to the *Ledge cover layer* ensuring their edges line up on one side leaving a slightly overhanging tab on the other.

Apply a thin bead of glue along the flap and gently fold around the card.

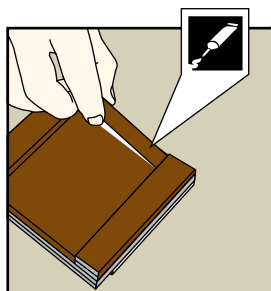


10 Trim the ledge to fit snugly in between the two buttresses. Glue into position then check the tops line up.

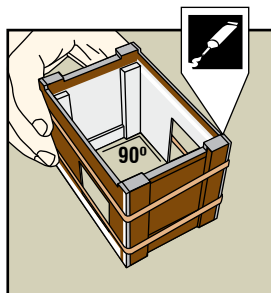


11 **Adding the plinth →** Cut out the *Plinth base layers* and *Plinth cover layers*. Glue the *Plinth cover layer* over the base layer ensuring the bottom edges line up.

Flip the plinth over and apply a thin bead of glue along the flap. Wrap the flap tightly over the edge of the base layer. Check for bubbles and creases.

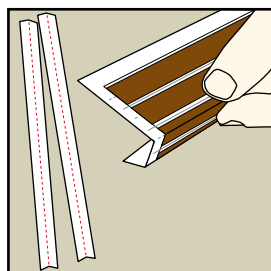


- 12** Trim the plinths carefully to fit the space between the external wall buttresses and glue into position.



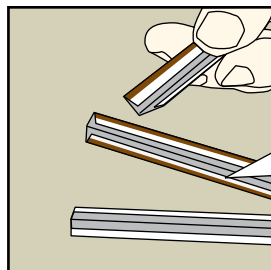
- 13** Apply a bead of glue to the edges of the side walls and position squarely with the main walls.

 Use a couple of rubber bands to hold the walls together while the glue sets.



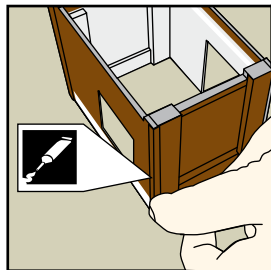
- 14** Lightly score along the red dotted lines and cut out the *Corner cap base layers*.

Fold along the blue dotted lines on the *Corner cap cover layers* and then cut out.

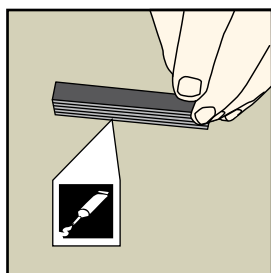


- 15** Wrap and glue the *Corner cap cover layers* around the base layers. Check for bubbles and creases.

 **Wrap & glue**



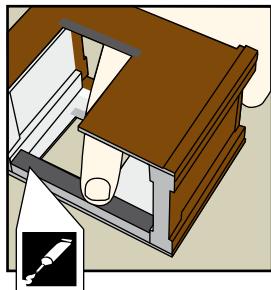
- 16** Apply a thin bead of glue to the inside of the corner caps and carefully position around the four wall corners.



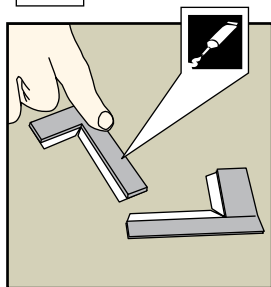
- 17** **Adding the internal platform →** Cut out the *Internal platform base layers* and glue squarely into a block of FIVE, with the 'concrete' facing out. Allow glue to set.



Apply weight to ensure good adhesion.

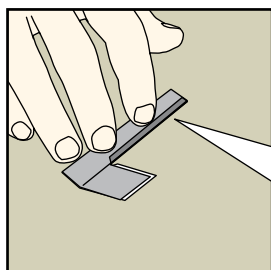


- 18** Test fit and glue the platform to the inside wall beneath the sliding door.



- 19** Lightly score along the red dotted lines on the *Internal platform top base layers* and cut out. Introduce a slight angle along the score line.

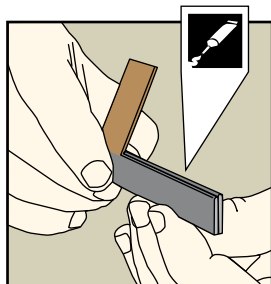
Apply a thin even coat of glue to the two *Internal platform base layers* and then squarely position into the corners of the corresponding *cover layers*. Check for bubbles and creases.



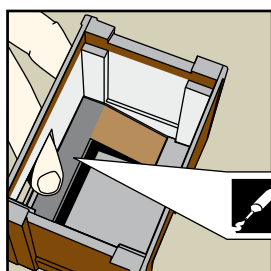
- 20** Apply beads of glue to the overhanging flaps and then gently fold them tightly around the edges of both the upper and lower base layers. Check for bubbles and creases.



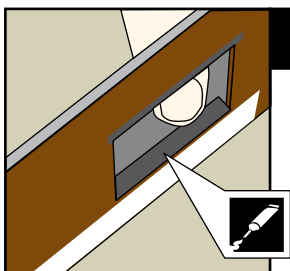
Wrap & glue



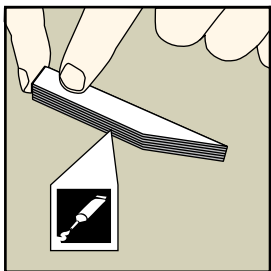
- 21** Lining up the BACK edges, glue the upper and lower parts of the platform together. Ensure the slight angle is maintained.



- 22** Test fit and glue the platform top into position.



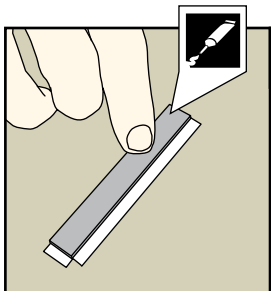
- 23** Cut out the *Sliding door sill* and glue into position in line with the edge of the outside wall.



- 24** **Adding the external platform →** Cut out the *External platform base layers* and glue into a block of SIX. Allow glue to set.



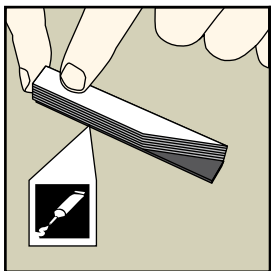
Apply weight to ensure good adhesion.



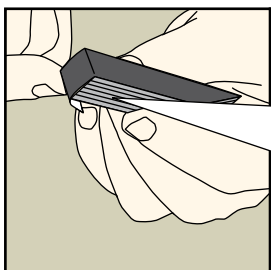
- 25** Cut out the *External platform base layer (back)* and *External platform cover layer (back)*.

Place the cover layer printed side down and apply a thin even coat of glue to one side of base layers and squarely position into the corner.

Apply beads of glue to the overhanging flaps and gently fold them tightly around the edge of the base layer. Check for bubbles and creases.



- 26** Test fit and glue the platform (with ramp) to the platform back.

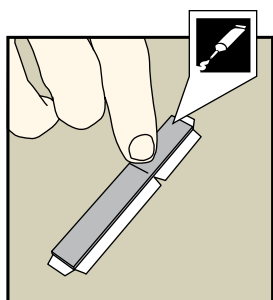


- 27** Apply glue to the side of the ramp and one of *External platform cover layers* (with or without graffiti).



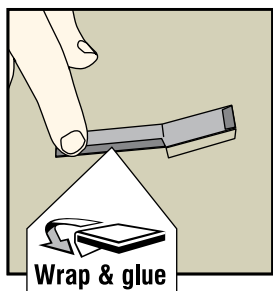
Wrap & glue

Glue and wrap the *External platform cover layer* tightly around the back of the platform. Check for bubbles and creases.

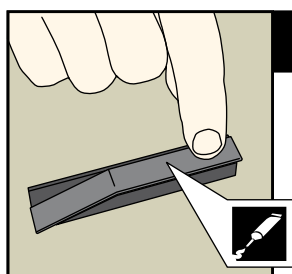


- 28** Lightly score along the red dotted lines on the *External platform top base layer* and cut out. Introduce a slight angle along the score line.

Apply a thin even coat of glue to the *External platform base layer* and then squarely position to the back of the corresponding cover layer. Check for bubbles and creases.

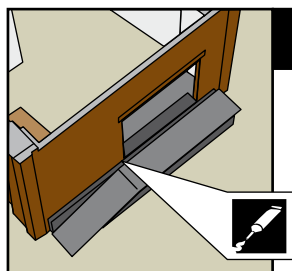


- 29** Apply beads of glue to the overhanging flaps and then gently fold them tightly around the edges of the base layer. Check for bubbles and creases.

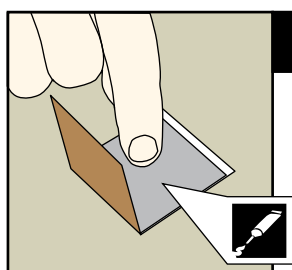


- 30** Test fit and glue the platform top squarely into position.

 *The back wall of the ramp sits slightly lower than the platform top, this will serve as the bottom track for the sliding door.*

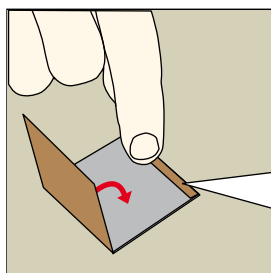


- 31** Test fit and glue the platform into position.



- 32** **Adding the sliding door →** Cut out the *Sliding door base layer*. Fold and cut out one of the *Sliding door cover layers*. Choose a timber or cold store door (with or without graffiti).

Glue the base layer squarely into the fold of the cover layer.

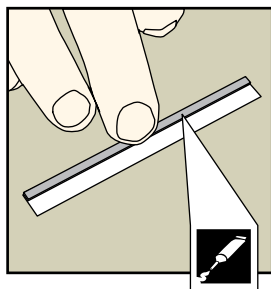


33 Apply beads of glue to the thinner flap and gently fold tightly around the edges of the base layer.

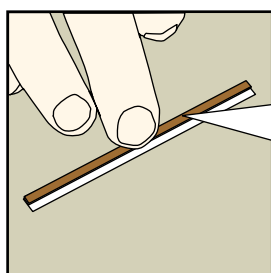
Apply a thin coat of glue to the remaining half and fold over. Check for bubbles and creases.



Wrap & glue



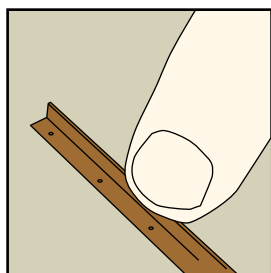
34 Cut out and place the *Sliding door track cover layer* face down. Cut out and apply a thin bead of glue to the *Sliding door track base layer* then carefully position it along the **BOTTOM** edge of the cover layer.



35 Run a thin bead of glue along the top of the base layer and tightly fold over on to the cover layer.



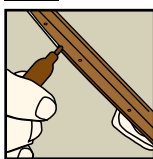
Wrap & glue



36 Carefully fold the wrapped base layer perpendicular to the remaining flap of cover layer.



Run the side of a marker pen along the top edge to remove any white paper.

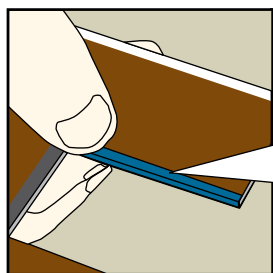


37 Place the sliding door in position on to bottom track. Apply a thin bead of glue to the back of the flap and squarely place the sliding door track over the top of the door.



Use the brown line on the wall or a small ruler to ensure that the edge of the track is straight.

Before the glue on the track sets check the door slides freely.

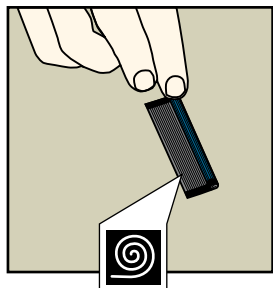


38

Adding the rolling door → Cut out the *Rolling door opening edge caps*. Wrap and glue them tightly around the inside edges of the door opening.



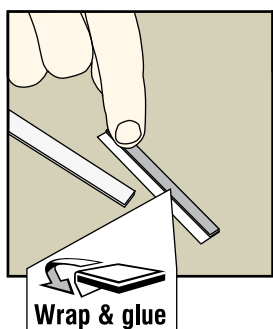
Wrap & glue



39

Lightly score along the red dotted line down the centre of the *Rolling door*. Apply a thin even coat of glue to one side and fold in two.

Gently roll up the doors to the desired length and apply a thin bead of glue to hold the roll in place. Glue the door to the **INSIDE** of the rolling door opening.

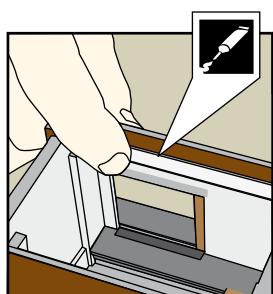


40

Adding the roof → Cut out and place the *Roof beam cover layers* printed side down. Cut out and apply a thin bead of glue to the *Roof beam base layers* then carefully position along the edge of the cover layer.

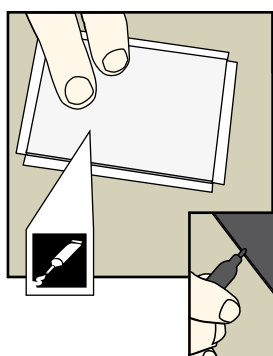
Apply thin beads of glue to the overhanging flap and gently fold them tightly around the edge of the base layer. Check for bubbles and creases.

Wrap & glue



41

Test fit and glue the roof beams into position. Ensure the tops of the beams are level with the tops of the internal buttresses.



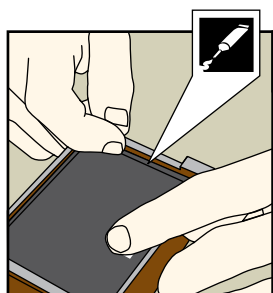
42

Cut out and place the *Roof (topside)* printed side down. Cut out and apply a thin even coat of glue to the back of the *Roof (underside)* then carefully position squarely over the back of the *Roof (topside)*.

Check for bubbles and creases.



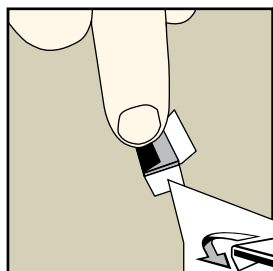
Run the side of a marker pen along the edges to remove any white paper.



43 Gently fold the overhanging flaps up towards the top of the roof.

Test fit the roof into position and then apply a thin bead of glue to the flaps, the tops of the roof beams and internal buttresses.

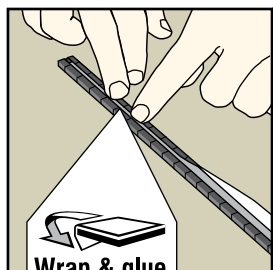
Having carefully lowered the roof into position, gently press the flaps against the wall.



44 Cut out the *Roof hatch base layer* and *Roof hatch cover layer*. Glue the base layer squarely into the centre of the back of the cover layer. Apply thin beads of glue to the overhanging flaps and then gently fold them tightly around the edge of the base layers. Check for bubbles and creases.

Glue into position on the roof top.

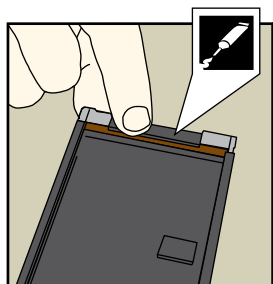
Wrap & glue



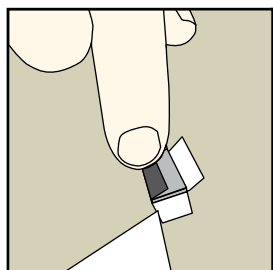
45 **Adding the wall capping** → Cut out and place the *Wall capping cover layer* face down. Cut out and apply a thin bead of glue to the *Wall capping base layers* then carefully position in the centre of the cover layer.

Apply thin beads of glue to the overhanging flaps and then gently fold them tightly around the edge of the base layer. Check for bubbles and creases.

Wrap & glue



46 Test fit and glue the wall capping along the wall tops.



47 Cut out the *Buttress capping base layers* and *Buttress capping cover layers*. Glue the base layers squarely into the centre of the back of the cover layers. Apply thin beads of glue to the overhanging flaps and then gently fold them tightly around the edge of the base layers. Check for bubbles and creases.

Glue and position the buttress capping squarely to the top of the buttresses, allowing an even overhang on all sides.

Wrap & glue

48 Apply several light coats of matt spray varnish to the entire model to protect the print surface.



Optional signs → Cut out the signs as required. Run a grey felt tip pen around the sides to remove the paper's white edge. Carefully apply glue to the back and position.

Optional basic weathering → Using a sharp knife scrape a small amount of black and brown artist pastels on to a scrap of card. With a soft brush work very small amounts of the pastel dust into the corners and surface of the structure as required.



Build up thin layers slowly, don't over do it!

→ Scalescenes.com

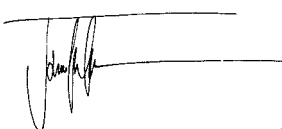
Thank you!

If you are pleased with the realism and sturdy construction of this kit why not go to **Scalescenes.com** and easily download and print another quality kit from our growing range.

Each kit is available in a choice of scale photo-based textures in OO and N scales.

Please contact us with any suggestions or comments regarding this kit or future kits that you would like to see developed.

Thank you for your support.



John Wiffen
Graphic Designer
scalescenes.com