



Gryphon Art

HAND MADE GIFT BOXES & EMBELLISHMENTS

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Online Tutorial

<https://youtu.be/3-yvCQh78lc> (Part 1)

<https://youtu.be/cY80tsflhFI> (Part 2)

| | |
|-------------|--|
| NOTE | <i>The layering of card in this design assumes that four pieces of card are equal to the thickness of the Chicago screw head and that six pieces of card are required to enable the screw to be held tightly in place. If you opt not to use the Chicago screws, you may also opt out of some of the layering processes.</i> |
|-------------|--|

| PYRAMID SHAPED BOX - ITEM | CARD SIZE (PER BOX) | QTY |
|--|---------------------|-----|
| Pyramid Base | | |
| - Base Section | 7½" square | 5 |
| - Base Centre Square | 3½" square | 1 |
| | | |
| Triangular Template – use a piece of scrap card. | 7¼" x 6¼" | 1 |
| | | |
| Main Cover | | |
| - A4 Card | 11½" x 8¼" | 2 |
| - Main Cover Flap Finishing Strip | 1¾" x 8¼" | 2 |
| - Main Cover Embellishment Packer | 17⁄8" x 11½" | 4 |
| - Main Cover Embellishment Cover – Small | 27⁄8" x 2½" | 4 |
| - Main Cover Embellishment Cover - Large | 5½" x 4" | 4 |
| - Main Cover Stabiliser – Hexagon with 1½" sides (Template on page 11) | | 1 |
| | | |
| Closing Flap | | |
| - A5 Card | 57⁄8" x 8¼" | 4 |
| - Closing Flap Packers | 17⁄8" x 8¼" | 4 |
| - Closing Flap Finishing Strips | 2" x 8¼" | 4 |
| | | |
| Fittings | | |
| - Magnets – N52 Rare Earth NdFeB Neodymium | 8mm x 1mm | 16 |
| - Chicago Screws / Binding Posts and Screws | 2mm | 3 |
| | | |

PYRAMID SHAPED BOX - SCORING LINES - CUMULATIVE

| | | | | | |
|--|------|------|--|--|--|
| Main Cover - (Score on the wrong side of the card). Landscape: | 11¼" | | | | |
| - Turn anti-clockwise to Portrait: | 6½" | | | | |
| - Turn clockwise to Landscape mark top edge of card with a small pencil mark at 7½". - On the 6½" score line, make a small pencil mark at 3¾". | | | | | |
| | | | | | |
| Main Cover Embellishment Cover - Large - (Score on the wrong side of the card). Portrait: | 1⅛" | | | | |
| | | | | | |
| Closing Flap - (Score on the wrong side of the card). Portrait: | 2" | 4" | | | |
| - Turn clockwise to Landscape. (Score down to first intersecting score line only): | ¾" | 7⁄8" | | | |

PYRAMID SHAPED BOX - BASIC NOTES

Pyramid Base - create this first to allow the glue time to dry.

- On one of the 7½" square base sections, draw diagonal lines across the corners, filling the pattern piece with a "kiss" (X) shaped cross. Punch a 10mm hole in the centre.
- Glue this component on top of a second 7½" square base section, so that the pencil lines are still visible. Punch a 10mm hole in the centre, using the existing hole for positioning. Repeat this process, so that you have a 7½" square piece of card, that is three card layers thick, with a 10mm hole in the centre.
- Position the 3½" base centre square, centrally on the base square, lining up the corners of the smaller square, with the diagonal pencil lines on the larger square. Glue in place. Punch a 10mm hole in the centre, using the existing hole for positioning.
- With the pencil lines facing upwards (they need to remain visible), glue this component onto another 7½" square base section. This time, punch a 6mm hole in the centre.

Triangle Template

- Place the scrap card component in landscape mode and draw a line down the centre of the card. (3½")
- Turn to portrait mode.
- Draw lines down the card, that are the following distances from the left-hand edge of the card: 1⅞", 2⅞" and 4".
- Turn the card clockwise to landscape mode.
- Draw an angled line from the top of the central line to the bottom, right-hand corner of the card. Repeat from the central line to the bottom, left-hand corner of the card to create an equilateral triangle shape.
- Cut along the two last lines you created to remove the excess card and retain the remaining triangle.
- Label up the lines, starting with the shortest first, as "Line 1", "Line 2" and "Line 3". (These will be referenced later in this documentation.)

Main Cover

- With excess 1¾" section (this is the base of the cover), closest to you, score a line from the top left hand corner of the pattern piece, to the small pencil mark, located 3¾" in, on the 6½" score line. Continue this score line to the edge of the card.
- Draw a second line to mirror image the first line created. (From the 7½" pencil line on the top edge, continuing over the 3¾" pencil line to the bottom edge of the card).
- Draw another line from the 7½" pencil line, to create a second triangle of the same size but pointing in the opposite direction. (See Diagram: "Main Cover Pattern Preparation" for assistance).
- Fold and crease all score lines.
- Position card pattern in landscape mode, so that the excess 1¾" section is closest to you. Draw a line to create a 1¾" margin on the left-hand side of the left-hand triangle, so that you have an equal margin on the base and left-hand side of the pattern piece, (wrong side facing up). Trim away the excess card on the left-hand side of this line.
- Position card pattern in landscape mode, so that the excess 1¾" section is closest to you. Fold this section upwards, lining up the score lines. Re-fold the right-hand side of the right-hand triangle, to transfer the fold line onto the 1¾" base section.
- Open up the base flap so that the pattern piece is flat and fold and crease the line you have just created, so that it extends from the bottom edge of the pattern piece to the right-hand edge of the pattern. Cut along this fold line to remove excess card.
- Position card pattern piece in landscape mode, so that the excess 1¾" section is closest to you. Draw a line that is parallel to the right-hand edge of the right-hand triangle, but is ⅞" to the right of it. Trim along this line to remove excess card.
- Trim back remaining rhombus shaped, excess card to complete the pattern piece. (See Diagram: "Main Cover Pattern").
- Repeat this process to create a second pattern piece that is exactly the same.

Main Cover – Joining Pattern Pieces

- Use one of the narrow side flaps to join the two pattern pieces together. (**TIP:** *If you have the correct position, the triangles will start to form a hexagon shape and the 1¾" flaps will be positioned on the outside edge of the finished shape*).

PYRAMID SHAPED BOX - BASIC NOTES CONTINUED

Main Cover – Flap Finishing Strip

- Place a 1¼" wide, "Main Cover Flap Finishing Strip", under one of the main cover base flaps, that is symmetrical in shape. Lining up the bottom, left-hand edge of the strip, with the bottom, left-hand corner of the flap, Use a pencil to transfer the left-hand side angle of the main cover base flap, onto the finishing strip. Cut along the pencil line.
- Place the finishing strip under the adjacent base flap (not symmetrical), and using a pencil, transfer the right-hand side angle of the base flap onto the finishing strip. Cut along the pencil line.
- Glue the finishing strip to the non-decorative side of the base flap, lining up the edges and ensuring that none of the folds are inhibited.
- Repeat this process to the remaining odd shaped cover flap.

Closing Flaps

- (**TIP:** Make one of these, score the remaining card a 2" and 4" and use the completed closing flap as a template to draw around).
- Score card as indicated on the scoring table.
- Cut away the ⅜" narrow rectangular sections at either end of the outside, 2" panel section.
- Fold and crease the remaining score lines.
- Place the trimmed panel of the closing flap pattern, onto the large base square, (decorative side visible), so that the long, outside edge is abutting one edge of the small base centre square and the first fold line on the closing flap, sits on top of the outside edge of the 7½" square base section.
- Make a small pencil mark on the closing flap section, to indicate the position of the two corners of the centrally positioned, 3½" base centre square.
- On each side of the closing flap pattern piece, draw a diagonal line from the pencil mark, to the end of the fold line on the nearest outside edge above. (See Diagram: "Closing Flap Preparation"). Trim away the small angled sections of card to create a symmetrical, centrally positioned, angled flap.
- Place one edge of the Triangle Template centrally, along the fold line, above the flap that you have just created. Draw along the edge of the template to the next fold line only. (On the middle panel only).
- On the last, unmarked panel, draw a line from the end of the angled pencil mark that you have just created, making a right angle with the fold line, to the outside edge of the card above. Use this pencil line and nearest fold line, to cut away the small rectangular section of card in the corner. Repeat to the opposite corner. (This will leave a centrally positioned, rectangular flap).
- Score along angled pencil lines at either end of the central panel. Fold and crease.
- Keep flaps in the folded position and fold the rectangular flap over, on top of them. Trace a pencil along the whole length of each end of the rectangular flap, creating a pencil line on the flaps below.
- Open the flaps up and create a triangular section by drawing a line from the end of the pencil line that you have just created, to the point where the two fold lines intersect above. Trim along the pencil lines to remove the excess card. (See Diagram: "Closing Flap").
- Create four identical closing flaps in total.

Closing Flaps Packers

- Line one edge of the triangle template along a long edge of a packer component and use a pencil to transfer the angle of the triangle onto the packer. Cut along pencil line to remove excess card.
- Fit the packer component loosely inside the closing flap to establish where the opposite angle needs to be. Transfer the angle with a pencil as before and cut away the excess card. (**TIP:** *The packer must not interfere with the folding of the closing flap.*)
- Make four closing flap packers in total.

Closing Flaps – Construction

- Punch a 9mm hole (assumes you are using an 8mm diameter magnet) on each inside corner of the central rectangular section of the closing flap. (See Diagram: "Closing Flap"). (**TIP:** The holes need to be positioned over ⅛" down from the top of the fold line, so that the base flaps on the main box cover, also cover the magnets that will be placed inside the box).
- Place the packer inside the closing flap where it needs to be positioned, fold the rectangular flap over the top and draw around the inside of the 9mm holes, transferring their position onto the packer. Punch two 9mm holes into the packer using your pencil marks as a guide.
- Glue the packer in place ensuring that all the holes are correctly aligned.
- Glue the rectangular flap into place, aligning the holes.
- Glue the remaining small triangular sections into place at either end of the packer.
- Glue a magnet inside each 9mm hole. (NB: *Pole position is very important. Refer to Part 1 of the video if in doubt.*)
- Repeat this process until all four closing flaps are the same.

PYRAMID SHAPED BOX - BASIC NOTES CONTINUED

Closing Flaps Finishing Strip

- Place a finishing strip component on the inside of the closing flap so that it covers the magnets. Trim to size so that it is not visible from the decorative side of the flap and does not interfere with any of the fold lines. (**TIP:** If the embellishment style requires it, decorate the finishing strip before fitting it.) Glue in place.
- Repeat this process until all four closing flaps are the same.

Fit Closing Flaps To The Base *(If you want to fit the main cover flaps at the same time, please refer to the video).*

- Place flaps in position on the outside edges of the box and use the second half of the magnet to secure them in place.
- "Dry" construct the box, so that the base is in position with the pencil marks visible on the underside of the box, the main cover flaps are positioned inside the box and the closing flaps are on the outside of the box. Slot the side joining tab in place, inside the box.
- Dealing with one closing flap at a time, make sure that it is positioned centrally on the side of the box, fold the excess flap over onto the base, draw around the flap on the base to establish a gluing area, apply glue to that area and glue the closing flap down. (**TIP:** *Make sure that everything is square before finally positioning*).

Fit Main Cover Flaps

- (**TIP:** If the embellishment style requires it, decorate the inside of the base before fitting the cover flaps.)
- Separate the box from the base.
- Working with one side at a time and starting with the side that has the joining tab, position the cover on the base and raise the closing flap into position, on the side you are working on. Release two magnets on the inside of the box, so that they join their opposite half and hold the closing flap in the correct position.
- Without moving the closing flap position, lay the side of the box flat so that you can see the magnets on the inside.
- Apply glue to the main cover flap and glue it down over the magnets, being careful not to move them. (**TIP:** *Put a piece of removable tape on the first closing flap you fit, so that you know which side it belongs to. You may not glue all the magnets with the same pole against the card, so the flaps may have a specific cover side that they belong to*).
- Repeat the same process to fit the next two flaps.
- For the last main cover flap, follow the same process but when you apply the glue to the flap, leave about ½" free from glue, at the end of the flap where it is adjacent to the join. (This will allow the joining tab to be inserted behind the cover flap during construction).
- Repeat this process with the three remaining main cover embellishment packers.

Main Cover – Small Embellishment Packers

- Making sure that everything is square, line up the triangle template on one end of the main cover embellishment packers, so that the tip is on the top of the packer section and line 1 on the template, is in line with the bottom of the packer. Draw around the tip of the triangle template to transfer a small, equilateral triangle, (with approximately 2½" sides), onto the embellishment packer. Cut the triangle out and then using the angle you have created on the card strip, cut out a second triangle which is exactly the same size. Retain the large off-cut for the large packers.
- Glue the two small triangles together, to create a double thickness triangle.

Main Cover – Covering Small Embellishment Packers (No pre-scoring required).

- Place a small embellishment cover component in front of you, in portrait mode.
- Place the small, triangular, double thickness packer on the cover so that it is positioned centrally, with one tip of the triangle, just below the top of the cover component.
- Score all three sides of the packer. Remove the packer and fold and crease all the score lines, extending the fold to the outside edges of the card, in each case.
- Place the packer in position and fold over one of the triangular sections of the cover. Use a ruler to draw a straight line from the top tip of the triangle (at right angles to the base of the triangle) down the centre of the triangle. (This line is being drawn on the decorative side of the cover component). Cut along the pencil line to remove the excess card.

PYRAMID SHAPED BOX - BASIC NOTES CONTINUED

- Replace the packer in position, fold the opposite triangular section of the cover over the packer, fold the recently trimmed flap over on top of it and use the edge of that flap to draw a central line on the flap below. Cut along pencil line to remove excess card.
- Replace the packer in position and also fold over both side flaps into position. Fold up the base flap and mark on the top edge of it, the "centre" position, where the edges of the side flaps meet.
- Remove the packer and draw a line from the pencil mark, to the outside edge of the card, so that the pencil line passes just on the outside edge of the intersection of the corner fold lines. Repeat to the other corner. Cut along the pencil lines to remove the excess card.
- Replace the packer in position and fold both sides into place and then fold the base flap over the top. Trace the edges of the base flap onto the side flaps and cut along these pencil lines to remove the excess card.
- Glue a triangle in position on the inside of one of the embellishment covers and then glue all three flaps down in place. Repeat this process for the remain packers, until you have four, small covered triangle in total.

Main Cover – Fitting Small Embellishments

- Glue the embellishment in position on the decorative side of the main cover, at the top of the pyramid, so that the base line is positioned approximately $2\frac{1}{8}$ " down from the pyramid tip and the sides are approximately $\frac{1}{8}$ " away from the fold lines. (**TIP:** Line 2 on the template represents the position of the base line of the embellishment).
- Repeat this process until all four embellishments are in position.

Main Cover – Large Embellishment Packers

- Using the off-cuts that you retained from the small embellishment packers, use the middle section of your triangle template, with line 3 as your base line, to create a double thickness packer, (using the same method as for the small embellishment), that is $1\frac{1}{8}$ " in height and with a base length of approximately $4\frac{3}{8}$ ". Repeat this process until you have four packers in total.

Main Cover – Covering Large Embellishment Packers

- Fold and crease score line.
- Place the top of the packer centrally on the fold line (ensuring that the card will fold over flat on top of it) and then score along the other three sides.
- Fold and crease score lines, extending them to the outside edges of the card in each case.
- At the top of the "pyramid shape" that you have created, cut away the angled corner sections of the card. (**TIP:** *Cut down the middle of the fold lines*).
- Put the packer in place, fold the top flap and one of the side flaps over and with a pencil, mark on the side flaps, the position of the corner of the top flap.
- Draw a straight line from the pencil mark, so that it just passes the outside bottom corner of the shape, where all the fold lines intersect and then cut along the pencil line to remove the excess card. Repeat to the other side.
- Position the packer, fold the top and base flaps over in place, so that the top flap is on top and then draw around the top flap to transfer the location of it, onto the bottom flap. On the base flap, draw a line from the right-hand corner position of the top flap, to the end of the fold line below. Repeat to the other side and then use the pencil lines to cut away the excess card.
- Glue a packer in position on the inside of one of the embellishment covers and then glue all four flaps down in place.
- Repeat to create four covered, large embellishments in total.

Main Cover – Fitting Large Embellishments

- Working with one side at a time, open the box cover up, leaving one closing flap in place. Glue one embellishment centrally in place, between the small embellishment and the closing flap.
- Repeat to remaining three sides.

PYRAMID SHAPED BOX - BASIC NOTES CONTINUED

Main Cover – General Embellishments

If you are intending to embellish the box externally, then it is worth considering whether it will be easier to do this prior to constructing the main cover. This comes down to personal experience, so in many ways I can only leave you to judge this for yourself however, if you are entirely new to box making, my view is that if the embellishments are relatively flat and require some pressure to apply them, it is better to do this to box sections when they can be completely flat, so prior to construction. Rubber stamping is a particularly good example of this.

Main Cover – General Embellishments

- Apply glue to the decorative edge of the long joining tab, and to both sides of it towards the base, where it will be positioned inbetween the cover and the base flap.
- Once positioned, apply pressure to glue in place.

Main Cover – Stabiliser

- Score a dividing line across the widest points of the hexagon three times, to create six equilateral triangles inside it. (See diagram: "Main Cover – Stabiliser Preparation" – pink lines).
- On each straight side, score a line inbetween the diagonal lines only, $\frac{5}{8}$ " in from the edges, to create a smaller hexagon in the centre of the main shape. (See blue lines on diagram).
- Draw straight lines as depicted by dashed orange lines on the diagram.
- Fold and crease the first set of lines scored. (Pink on diagram).
- Cut half way along one of these score lines (pink on diagram), from the edge of the shape to the centre.
- Cut along the straight lines (indicated by dashed orange lines on the diagram), removing the kite shapes in each corner of the hexagon shape as you progress.
- Remove the rectangular flap below the triangle which is abutting the centre cut line, left of the line.
- Remove the rectangular flap that is positioned to the left of the flap that you have just removed.
- Overlap two sets of triangles to create a pyramid shape. Glue in place.
- Glue all four flaps down to create a base to the pyramid shape.
- Glue this shape in the tip of the inside of the main box cover, pushing it firmly into place.

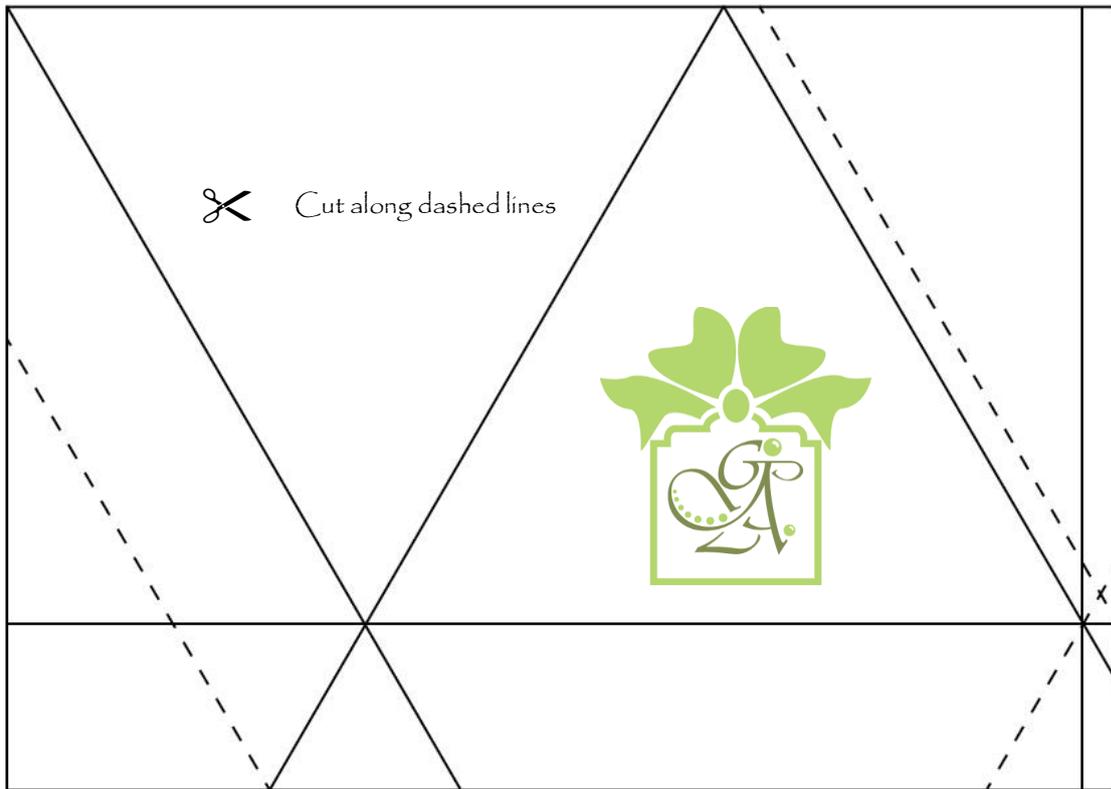


Diagram: Main Cover Pattern Preparation

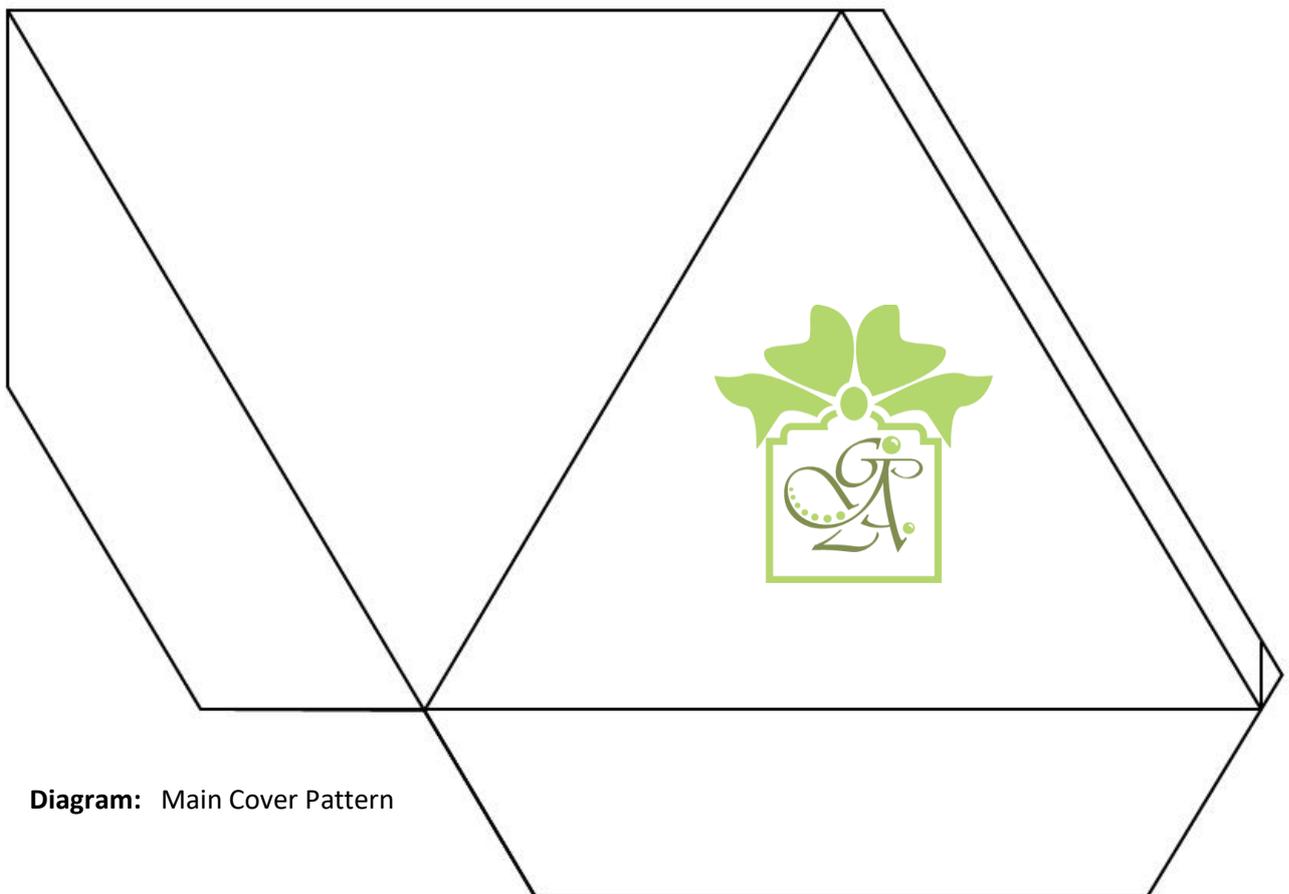


Diagram: Main Cover Pattern

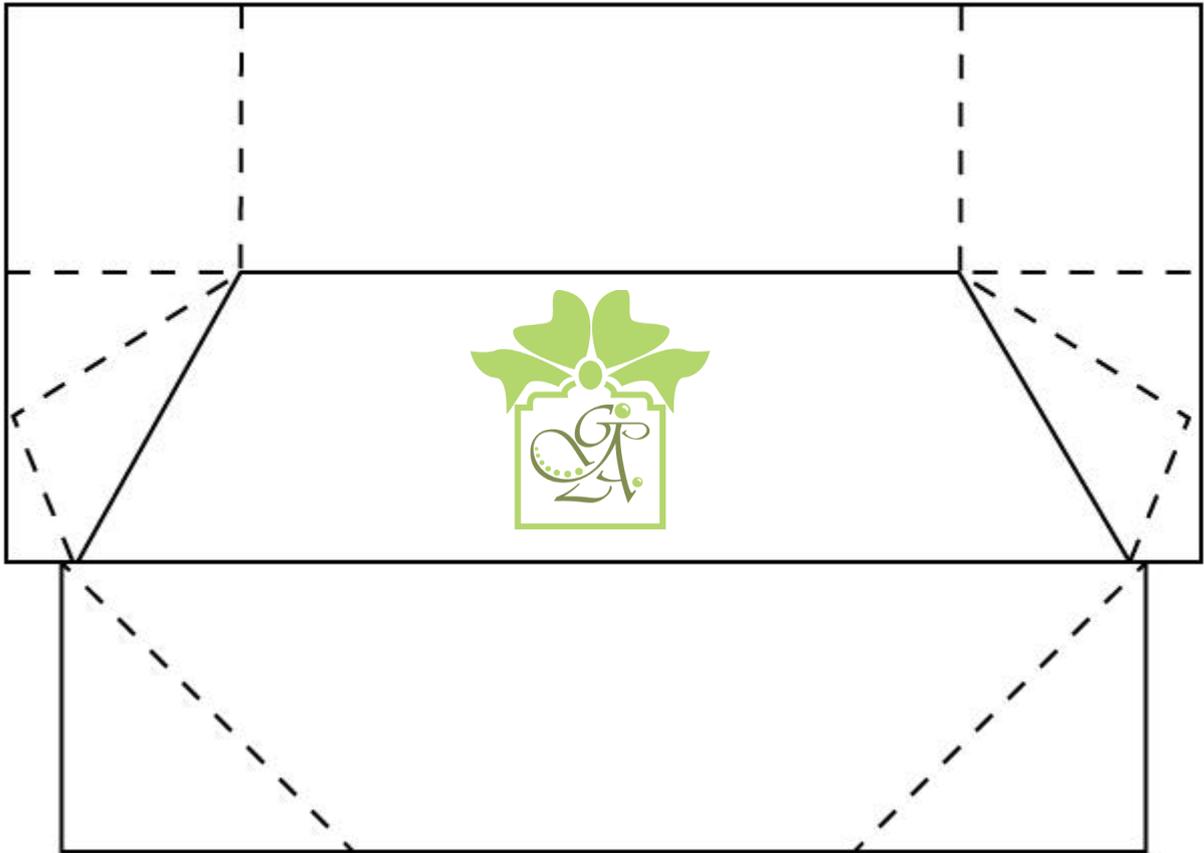


Diagram: Closing Flap Preparation

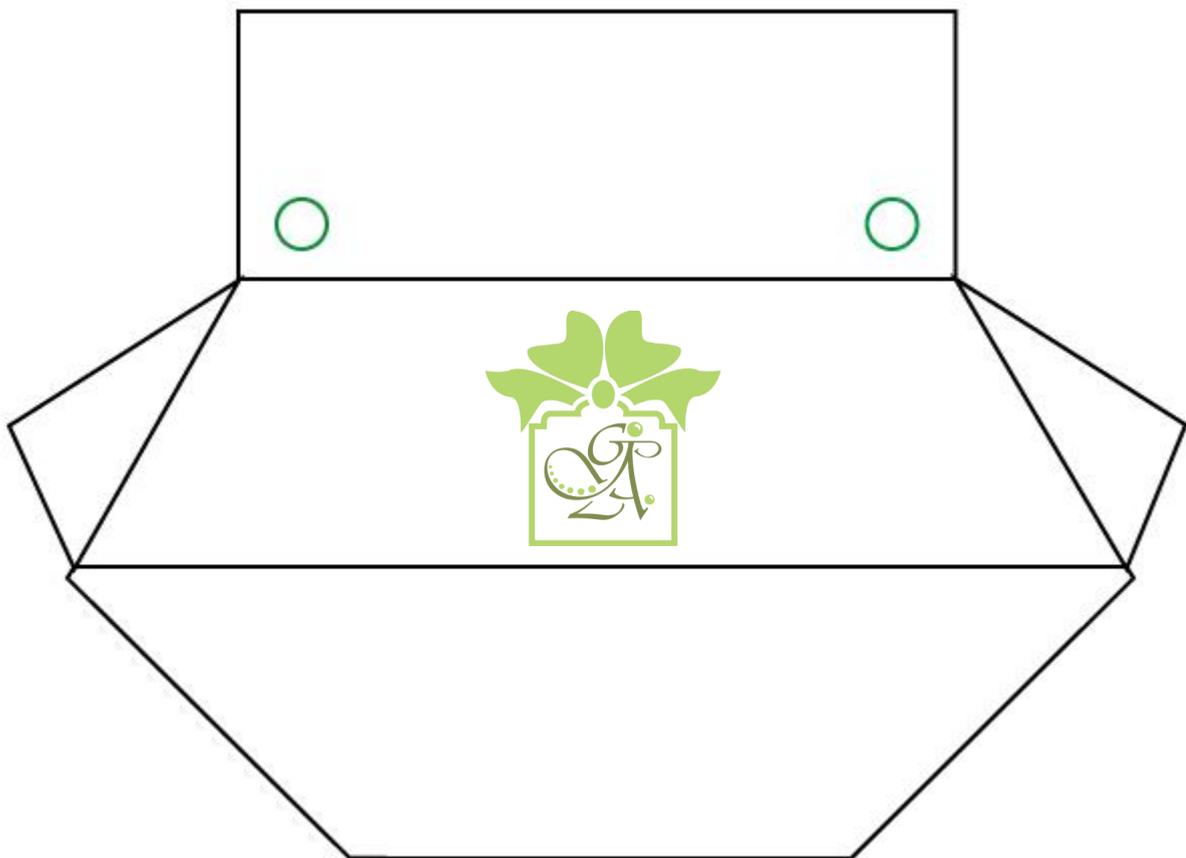


Diagram: Closing Flap

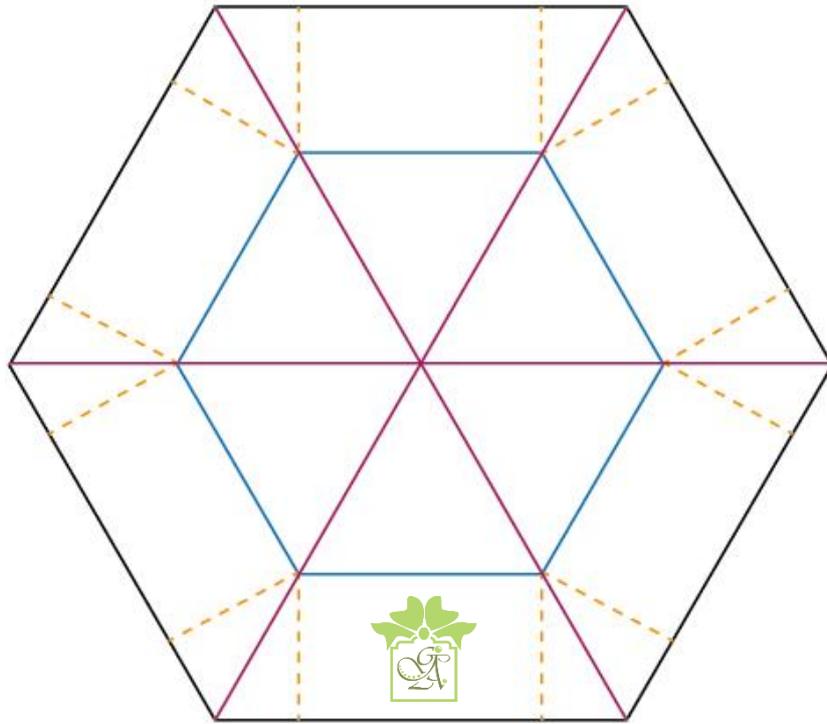
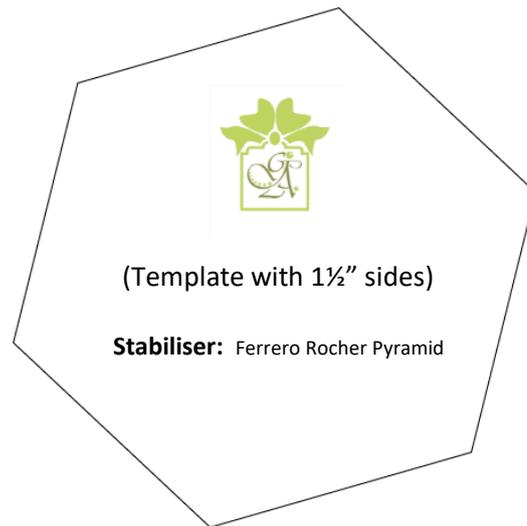


Diagram: Main Cover – Stabiliser Preparation



| INTERNAL TRAYS - ITEM | CARD SIZE (PER BOX) | QTY |
|--|---------------------|-----|
| Die Cut Shapes For Top Tray | | |
| - Spellbinders Nestabilities – Labels Thirty-Two (S4-407) (One is for covering the screw head – no centre hole required) | Approx 1" | 4 |
| - Spellbinders Nestabilities – Classic Squares Large (S4-126) | 1" square | 1 |
| Internal Trays | | |
| - Top | 3" square | 1 |
| - Middle | 4¾" square | 1 |
| - Bottom | 6½" square | 1 |
| Internal Tray Strengthener (None required for bottom tray) | | |
| - Top | 1¾" square | 1 |
| - Middle | 3⅞" square | 1 |
| Pillar Supports | | |
| - Small | 3" x 3¾" | 1 |
| - Large | 5½" x 10" | 1 |
| Pillar Strengtheners – to be fitted to the pillars | | |
| - Small | 1½" x 4¼" | 1 |
| - Large | 1½" x 11⅝" | 1 |
| Tidy Strip for Pillars | | |
| - Top | ½" x 4¼" | 2 |
| - Middle | ½" x 10½" | 2 |

| INTERNAL TRAYS - SCORING LINES - CUMULATIVE | | | | | |
|--|----|-----|-----|----|--|
| Individual Trays: (score on the wrong side of the card and repeat to all four sides). | ⅜" | ¾" | | | |
| | | | | | |
| Pillar Support - Small (score on the wrong side of the card) | | | | | |
| - Portrait: | ¾" | 2¼" | | | |
| - Landscape: | ¾" | 1½" | 2¼" | 3" | |
| | | | | | |

| | | | | | |
|---|----|-----|----|----|--|
| Pillar Support - Large (score on the wrong side of the card) | | | | | |
| - Portrait: | 2" | 3½" | | | |
| - Landscape: | 2" | 4" | 6" | 8" | |
| | | | | | |
| Pillar Strengtheners | | | | | |
| - Small: Landscape | ¾" | | | | |
| - Large: Landscape | 2" | | | | |
| | | | | | |
| Tidy Strip For Pillars (Treat all strips in the same way) | | | | | |
| - Portrait: | ¼" | | | | |
| - Landscape: | ¼" | | | | |
| | | | | | |

INTERNAL TRAYS - BASIC NOTES

Individual Trays: (The main construction is basically the same for all three tray sizes).

- Prepare all three trays.
- Score the card on the wrong side and fold and crease the score lines.
- In each corner where you have a grid of four squares, remove the three outside squares, including the fold line. (See the diagram for "Basic Tray Pattern").
- Cut down the middle of the fold lines, as indicated by the dotted lines, on the diagram "Basic Tray Pattern".
- Mark the centre of the pattern piece on the inside of the tray before construction.
- Use the small square tabs to glue the sides of the pattern in an upright position, forming the initial tray shape.
- Set the top tray to one side – do not glue down the side flaps at this stage.
- On the middle and bottom trays, glue the remaining flaps down on the inside of the tray, so that the sides of the tray are two layers of card thick.

Top Tray – Die Cut Shapes: (These are not required if you are simply using a strong glue for fixing the trays to the pillars).

- Take a Labels Thirty-Two die cut shape and cut a 10mm hole in the centre of the shape. (Equivalent to the diameter of the Chicago Screw, screw head).
- Glue this die cut shape on top of a second die cut of the same shape.
- Punch another 10mm hole in the centre of this shape so that the double layer retains a 10mm centre hole. Repeat, so that you end up with a die cut shape that is three layers of card thick, with a 10mm hole in the centre.
- Glue this completed shape, centrally, on top of the Internal Tray Strengthener for the top tray. Punch a 10mm hold in the centre.
- Glue this completed component, centrally to the top tray, so that it will be positioned inside the bottom of the tray. Punch a 6mm hole in the centre area.
- Punch a 6mm hole in the centre of the "Classics Squares" die cut shape.
- Glue this shape centrally to the underside of the top tray.
- Glue down the flaps to the inside of the tray.

Middle Tray – Internal Tray Strengthener.

- Punch a 6mm hole in the centre of the strengthening section.
- Glue this component, centrally to the middle tray, so that it will be positioned inside the bottom of the tray.
- Punch a 6mm hole in the centre area.

INTERNAL TRAYS - BASIC NOTES CONT'D

Base Tray

- Punch a 6mm hole in the centre area.

Pillar Supports: (Note: The number of 6mm holes used in these instructions assumes that six card thicknesses are required to get a tight fit with the Chicago Screw).

- Score the card for both pillar supports and fold and crease all the score lines.
- Remove two of the corner squares, including the fold lines, as indicated by the "Pillar Support" diagram.
- Snip into pattern piece to create end flaps, as indicated by the "Pillar Support" diagram.
- On one set of flaps, (all on the same end of the pattern piece), punch a 6mm hole into the centre of all four flaps. (TIP: As the flaps fold over each other, the central position shifts, so I find it best to punch the top hole, dry run the construction and use a pencil to mark the position of the next flap down, continuing in this way until all holes have been punched).
- On the set of flaps with four 6mm holes, take a non-screw head half, of a Chicago Screw and glue it to the underside of the first flap to go down, when the box is constructed, so that the stem of the screw will pass through all four flaps when this end of the box is complete.
- On the remaining set of flaps, (for both the pillars), punch a 6mm hole in the last two flaps to go down only.
- Punch a 10mm hole in the centre of the remaining flaps that do not already have a centre hole. (The screw head needs to pass through these flaps, otherwise there will be too many layers of card and the Chicago Screw will not fit).
- On the small pillar support, mark the flap end where you have four holes, "Top".
- On the small pillar support only, take a non-screw head half, of a Chicago Screw and glue it to the underside of the third flap to go down, when the box is constructed, so that the stem of the screw will pass through the last two flaps only, when this end of the box is complete.
- Glue the large flap and join the sides of the small pillar support together, so that one wall of the pillar is two layers of card thick. Repeat for the large pillar support.
- Complete the small pillar support by gluing the flaps at either end down, in the relevant order.
- On the large pillar support, glue down the flaps where there are just two 6mm holes available. Leave the other end open for access, but note the last flap to go down "Bottom". (Note: When this end is fitted, the flaps with the 10mm holes will go down first).

Fit Pillar Strengtheners

- Fold and crease the score lines
- Mark one of the sides of the pillar, that does not already have a double thickness of card.
- Place the scored end of the strengthener onto the panel you have just marked and dry fit the rest of the strengthener to the box, folding and creasing the corners as you progress. (Note: The strip is intended to cover five sides of the pillar for added strength, so the last fit will create a double layer)
- Remove any excess card and glue in place.

Construction:

- Apply glue to the top end of the small pillar support that has been marked "Top".
- Line this glue covered end of the pillar up with the hole in the top tray, so that the tray is positioned on top of the pillar support and the inside of the tray is facing upwards. Use the other half of the Chicago Screw to fix the pillar in place.
- Fit a "Tidy Strip" to cover the join between the top of the pillar and the underside of the tray, so that the raw edges of the card are tightly up against the bottom of the tray.
- Apply glue to the other end of the small pillar support and glue it to the inside of the middle tray, lining up the centre holes.
- Fit a "Tidy Strip" to cover the join.
- Apply glue to the top end of the large pillar support that has not been marked "Bottom".
- Place the other half of the Chicago Screw inside the large pillar support, and use a long screw driver to screw the pillar in place.
- Fit a "Tidy Strip" to cover the join.
- On the large pillar support, complete the construction by gluing the flaps down in the relevant order.
- Glue the base of the large pillar (marked "Bottom"), to the centre of the large tray, using the same method applied previously when fitting the smaller pillar.
- Fit the last "Tidy Strip" to cover the join.

INTERNAL TRAYS - BASIC NOTES CONT'D

- Glue the base of the large tray in position on the base component, ensuring that the Chicago screw is lined up with the centre hole. Lightly glue the Chicago screw in place and allow the glue time to dry.
- Tighten screw.
- Glue the last of the 7½" square pieces of card onto the underside of the base, covering the Chicago screw head.
- Glue the remaining die cut shape into place in the top tray to cover the Chicago screw head.

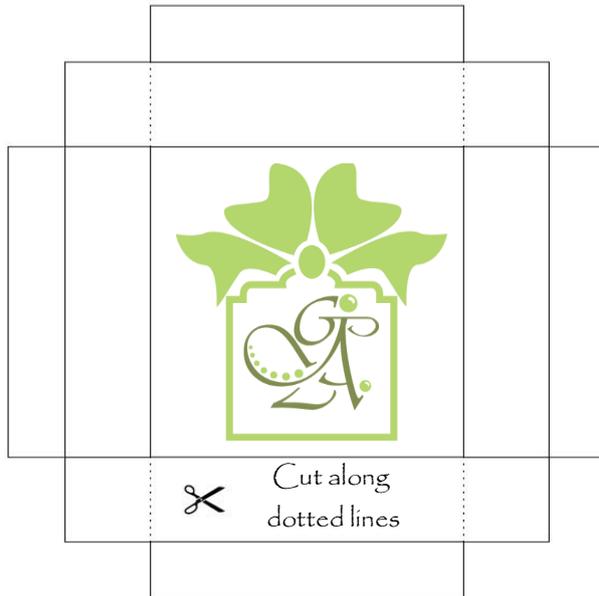


Diagram: Basic Tray Pattern

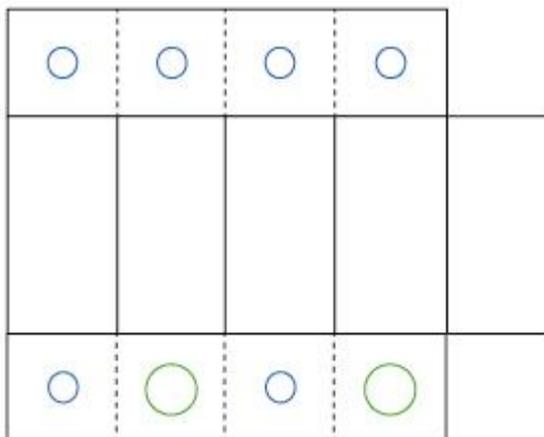


Diagram: Pillar Support

NOTES:

Cut along dashed lines
Blue circles are 6mm in diameter
Green circles are 10mm in diameter