

Below is a simple set of instructions to help layout your basketball court stencil kit.

Following are the steps we suggest when using the stencilase.com Highschool regulation basketball court stencil kit: Please refer to Diagram 1.

Tools required.

- Plumb and string.
- Chalk line
- 25-foot tape measure
- Painters tape

1. Remove the pieces from the box. Lay the pieces flat on the ground and allow them to relax and flatten.
2. First, find the center of the backboard by dropping a plumb line from the midpoint of the backboard (this should be directly perpendicular to the center of the basket. **(This is Point A.)** Mark this with chalk or tape. Now drop a plumb line from each end of the backboard. **(Points B and C)** Chalk this line, it is the Backboard line. Now use a carpenter's square and tape to measure 48 inches to the edge of the basketball court perpendicular to the backboard line. (The standard basketball court has 48 inches from the backboard to the end line. Many back-yard courts do not have this space.) If you do not have this much room on your court, move as far as you can and mark the center point of the end line. **(Point D)** Stretch a chalk line through the CenterPoint and parallel to the to the backboard line. If you have space, this should be 25 feet to each side of the center point. This is the end line.
3. Please section 1L and 1R along the end line, align the center point D of the end line where the 1L and 1R meet. Place 2R and 2L on either side. This forms the square base of the Key.
4. The next instruction depends upon how much space there is behind the backboard to the end line. Regulation courts have 48 inches however many backyard courts do not have this space. Our stencils are designed for all courts no matter the space available. If there are 48 inches between the baseline and the backboard use this instruction. if not go to 4b.

4a. **The 48-inch regulation court set up:** Lay out 3L, 4L 5L, and 6L, and likewise 3R, 4R, 5R, and 6R. They should fit end to end. Adjust the placement of the stencils to form the Key and get it square. To check a Chalk line from point D through point A should go through where 6R and 6L meet.

4b. **Non-regulation less than 48 inches between baseline and backboard:** Extend the backboard line Points B and C to the sides of the key. 2L and 2R will extend past this line. Place 3L and 3R under 2L and 2R so that the bottom of the cut out is aligned with the back-board line (see diagram), and that the Key Sideline is aligned to that of 2L and 2R. Once that is done, 4R, 5R, and 6R can now be laid reference to 3R and the same for 4L,5L, and 6L to 3L. 2L and 2R will have some portion of their length laying over the 3L and 3R and on very short courts even the 4L and 4R stencils. Ensure that the key sideline is set straight. To check the squareness of the key mark a chalk line from point D through point A and it should go through where 6R and 6L meet. Finally, mark stencil 2L where it meets the bottom end of 3L with tape this is necessary for setting the 3 Pt line in step 11b. Repeat on 2R.

5. Complete the top of the circle 7L, 7R and 8. The key is now complete.
6. Check the key, extend a chalk line from the meeting point of stencil 1L and 1R (point D) through the center of the backboard, point A through the center of the free throw line (where 6L and 6R meet, and to the center of the top of the key (there are alignment marks at the center of stencil 8.) All these points should be on a line. From Point A to the outside of the line at the top of the key should be 21 feet. If not adjust the stencils so that these points line up. Once the stencils are set, be careful to keep the stencils from moving. You can tape the end together or use bricks to hold them in place.

7. Paint the key. We recommend spray paint. Use the spray paint as directed by the manufacturer. Key tips:
 - Keep the spray can 6-8 inches away from the pavement. Spray in even light coats. Repeat until the line is filled in.
 - Tip: use a cardboard box as a spray box, this can eliminate overspray and reduce the dispersion of the paint by the wind.*
 - Once the openings are sprayed adjust the stencils to fill in the gaps left by the breaks.
 - Allow stencils to dry.

TIP: If you are using spray paints or landscape chalk spray, we highly suggest using the cardboard box provided as a "spray box" to eliminate overspray. If you plan on using a spray tip with liquid paint, please refer to your spray equipment instructions for creating an optimum 2" line.

STENCILING THE 3- POINT LINE ON YOUR BASKETBALL COURT

8. Now it is time to start laying out the 3-point line. First, go the end line measure and mark points 19 ft 9 inches from each side of the CenterPoint. **(Points E and F).**
9. Ensure that if you used instruction 4b. that stencils 2L and 2R have the marks showing where they meet the end of 3L and 3R. Move 2L to establish the corners of the 3-point line. Align the stencil along the end line and that the outside of the 3-point line is on point E. Repeat for 2R and place so it is on the end line and point F.
10. This step depends upon on the depth of the court behind the backboard. If you used instruction 4a use instruction 10a. If you used instruction 4b. use 10b.
 - 10a.) Place 3L so that the end of the stencil fits against stencil 2L. Place 3R so that it is aligned and fits against 2R.
 - 10b.) If you do not have the required 48 inches and used Step 4 b), Move 2L so that it is aligned with the end line and the outside of the 3 pt. line is on Pt E. Place 3L so that the bottom of the stencil is on the mark made in step 4b. (this orients the stencils to the end line exactly as they were on the key.) Repeat the above process for 2R and 3R.
11. Place stencils 13L, 12L, and 11L, 10L and 9L end to end to link up with stencil 8. Repeat the same steps on the Right side with 13R, 12R, and 11RL, 10R, and 9R.and 8R, 9R, and 10R as well. Once the stencils are laid out the should fit end to end and the 3-pt. line There can be some adjustment necessary on this step. If you cannot get this to work. Measure 15 inches from backboard center point along the centerline of the key. This point G is the center of the basket. Take a chalk line and mark a circle 19 feet 9 inches from the top of the key to the side to the end of 7L. Repeat with 7R. This should be the outside of the 3 pt. Line and adjust the stencils to conform to this line.
12. Paint the three-point line as you did the Key.
13. Once dry you can remove the stencils

For more detailed information on court measurements, please refer to the illustrations provided or consult the volume of information online.

Your Stencil Ease basketball court stencil can be cleaned, stored and reused many times. This material is super durable and requires little maintenance.



