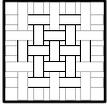




FABRICATIONS

Fabrications – Woven Mat

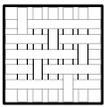
(Plain, twill, satin weaves)



Plain weaves wear well, are snag resistant, and have good stability. Plain weaves ravel easily and have lower tear strength than some other weaves.



Twill weaves are durable and flexible (think denim!), but may fray easily if loosely woven.



Satin weaves are smooth and luxurious and shed dirt easily. Satin weaves are more costly to produce than other weaves and are easily snagged.

COMBINE THE THREE WEAVE STRUCTURES TO MAKE A DECORATIVE PLACEMAT

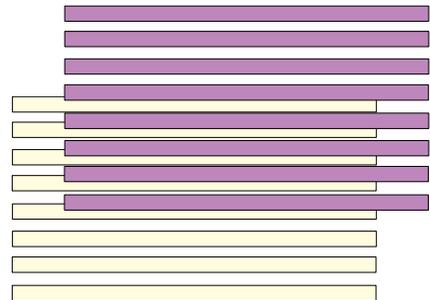
Materials:

- 4 colors of 9 in. x12in. craft felt (one for base color and one for each weave)
- Tacky, hot or fabric glue
- Scissors
- Ruler

Instructions:

1. Cover work surface in newspaper or plastic wrap to protect from glue.

2. Cut **plain** weave felt into seven ½ in. wide strips, each 9 in. long. Cut **satin** and **twill** weaves felts each into eight ¾ in. wide strips, each 9 in. long



3. Fold base color felt in half (see illustration) and mark folded edge every ½ in. Draw horizontal line ½ in. from cut edge; mark every ½ in. along horizontal line. Draw vertical lines to connect the ½ in. markings.



4. Cut along vertical lines, being careful to stop at horizontal line; unfold.



5. From one side of the base fabric, insert the first **plain** weave strip and begin over 1, under 1, over 1, under 1, etc. until you reach the other side. Push the **plain** weave strip firmly and evenly alongside base edging.



6. With next **plain** weave strips, repeat the above procedure but begin under 1, over 1, under 1, etc. Push woven strip evenly and firmly alongside previous strip. With final **plain** weave strip, repeat the patterning of first strip, pushing evenly next to previous strip.



7. Repeat steps 5 and 6 on the opposite edge of the base felt.



8. To secure strips, glue underside of each **plain** weave strip end to base felt edging.



9. With first **twill** weave strip, weave under 1, over 2, under 1, over 2, etc., pushing the strip firmly into the previous row.



10. Staggering the pattern over one count with each new row, repeat the pattern with the next seven **twill** weave strips.



11. To secure strips, glue underside of each **twill** weave strip end to base felt edging.

12. On the opposite edge, with the **satins** weave strips, weave under 1, over 4, under 1, over 4, etc., pushing firmly and evenly into previous strip.



13. Staggering over **two** counts with each new row, repeat the pattern with the next seven **sat**in weave strips.



14. To secure strips, glue underside of each **sat**in weave strip end to base felt edging.



15. Weave the final **plain** weave strip into the center area between the **sat**in and **twill** weaves and glue both ends to base fabric.



16. Trim off any uneven edges and enjoy!



Design Your Own Project!

- Replace the felt with other materials like ribbon or laminated paper to make a placemat.
- Try your own designs using the three weaves and different sizes and colors of strips.
- Fold and sew the edges together to make a pouch for an I-pad or pencil case.

