

SWATCH PAGE

THE PROFILE DRAFT

Three Different Threadings on the Same Profile Draft

The Profile Draft

The Profile Draft is a short and easy way of showing a design consisting of blocks or units. Instead of showing a thread by thread draw-down, an over-all design is shown. This design can be used in several different weaving techniques. We just substitute a key group of threads for each kind of weave.

For example, if we want a two block checkerboard we have a profile draft which looks like this:



This means we will thread four times a threading unit for block A and four times a threading unit for block B (one reads the filled in blocks right to left—each square equals one substitution [or key] unit. The lower horizontal line symbolizes block A, the upper symbolizes block B. It is possible to have further blocks; i.e. C would be the next horizontal block and so on. The number of blocks we can have depends on a.) the number of harnesses needed for each key unit, and b.) the number of harnesses on our loom). The 2x on the bottom of the draft says that the threading will be repeated twice. Before I present the profile that I used in my weavings for this swatch page, let me explain further how one goes about substituting threadings in a profile. For example, suppose we wish to use a summer and winter threading in our profile. Further suppose we only have a four harness loom. Our Block A will have a key unit threading of:

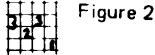


Figure 2

and Block B will have a key unit threading of:



Figure 3

Thus if we substitute our key threadings for summer and winter into our profile draft our threading will look like this:

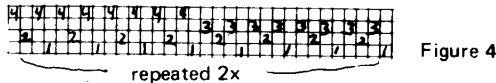


Figure 4

Now, test yourself! How would you thread the following profile for summer and winter, double weave, satin weave, and Atwater Bronson Lace, if for each the key units are:

Summer and Winter (4 harness)

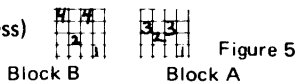


Figure 5

Double Weave (8 harness)

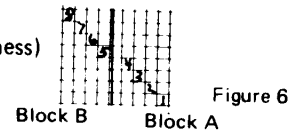


Figure 6

Satin Weave (10 harness)

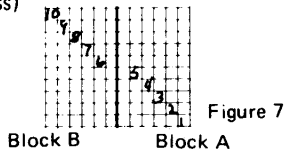


Figure 7

Atwater Bronson Lace (4 harness)

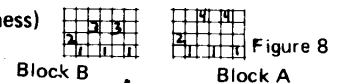


Figure 8

Test Profile Draft



Figure 9

Here is the answer for summer and winter:

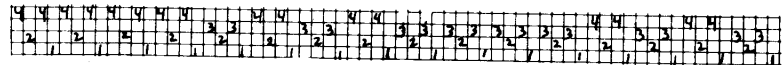


Figure 10

Isn't our profile draft a space saver?

The Profile Draw Down

We may now make a Draw Down from our profile draft which again does not show a thread by thread weave pattern but rather the overall pattern which will emerge as we weave. Look back at Figure 1. If we square our blocks as we weave, the following pattern emerges:

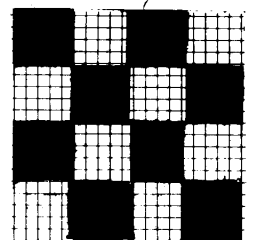


Figure 11

Try this procedure with the Test Profile Draft (Figure 9) by squaring the blocks and weaving as drawn in, reading the draft right to left and squaring the blocks.

And Finally Our Swatch Page Profile Draft and Draw Down!

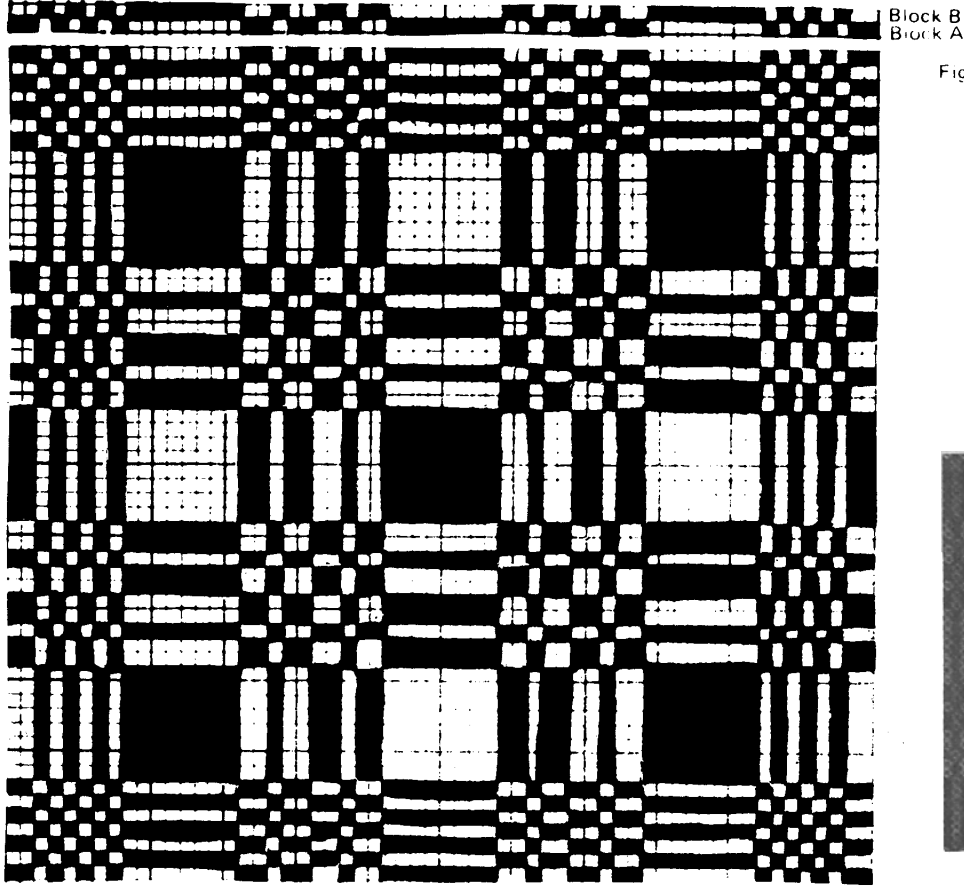


Figure 12

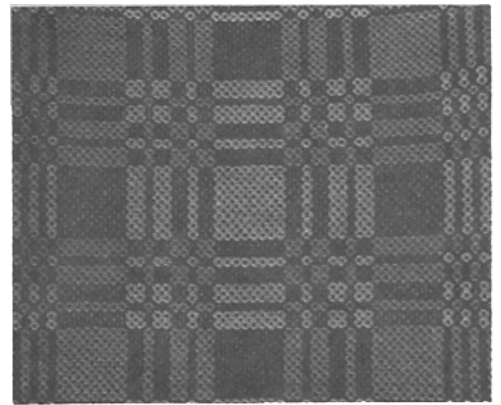


Photo 1—Overall Pattern

Let us discuss all three of our samples separately.

1. **Summer and Winter Pillow**—see Photo 1 for overall pattern and Photo 2 for weave structure

Key units are found in Figure 5.
 Profile Draft is found in Figure 12.
 Tie Down and Treading, Figure 13.

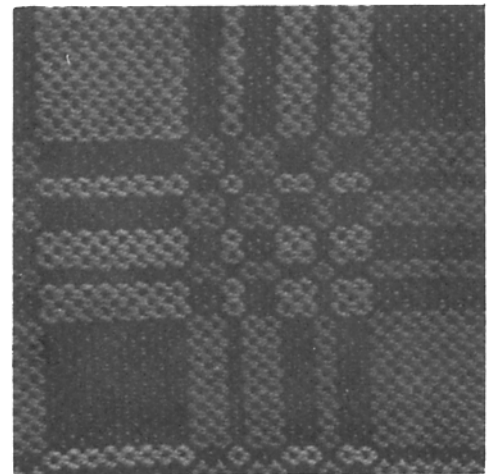
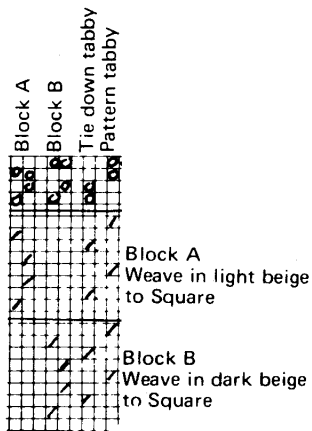


Photo 2—Weave Structure

Warp: dark brown single ply wool
 Weft: Knight's mill ends—light beige, dark beige
 Warp Sett: 16 epi
 Use: pillow, 25.5" x 40" plus hems

Reference: Black, Mary

2. **Double Weave Hanging**—see Photo 3 for overall pattern and Photo 4 for weave structure

Key units are found in Figure 6

Profile Draft is as found in Figure 12, but, times 2 (i.e. where one sees 2 blocks, one will thread 4 blocks—this yields larger blocks which still gives the same exact profile diagram as all blocks were increased proportionally)

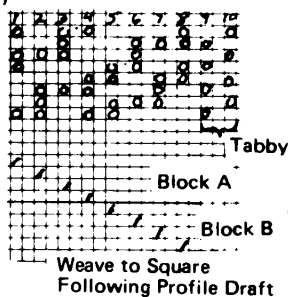
Tie Down and Treadling, Figure 14

Warp: Plymouth mill ends wool about 7/2
dark blue green
medium blue green

Weft: same as warp

Warp Sett: 16 epi (8 epi per layer)

Suggested Use: coverlet for crib or hanging
26" x 39"



Comments: two beams used, one for each layer

References: Worst, p. 199
Irene Wood—Coverlets Course



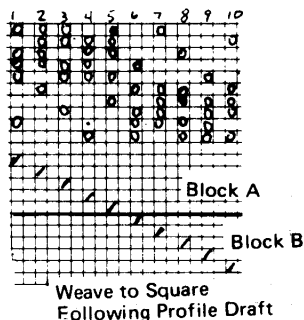
Photo 3—Overall Pattern

3. **Satin Weave Runner (Damask)**—see Photo 5 for overall pattern and Photo 6 for weave structure

Key units are found in Figure 7.

Profile Draft is as found in Figure 12 but times 3 as the yarn is very fine—otherwise the blocks would be very small

Tie Down and Treadling, Figure 15



Warp: CUM 16/1 linen, blue green

Weft: same as warp

Warp sett: 48 epi

Suggested Use: Table runner
16.5" x 37"

Comments: hemmed on edges with blind hemstitch (taught to me by Peggy Dokka)
Washed by hand in hot water and ironed wet after spin dry in machine.

References: Tidball—Satin Weaves Monograph
Rosner, Joy—Minnesota Weaver article
Wood, Irene.
Worst.

Photo 4—Weave Structure

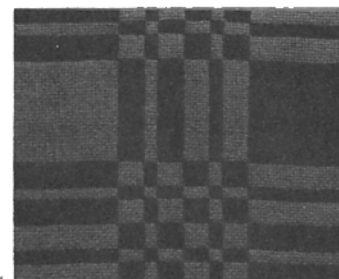
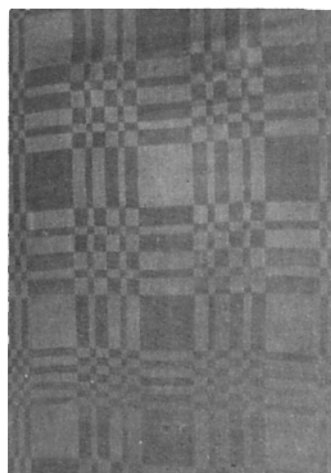


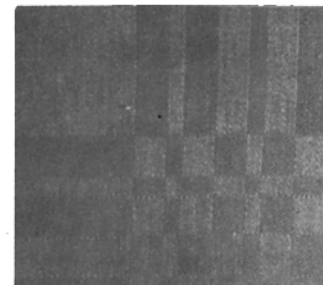
Photo 5—Overall Pattern

All samples were woven by me (J.R.) on a 40", 10-harness Macomber loom equipped with two back beams (one with a ratchet control and one with a friction brake).

Bibliography

- Black, Mary. *New Key to Weaving*. Macmillan. 1957.
- Rosner, Joy. "Satin Weave and Damask," *The Minnesota Weaver*, Vol. 1, No. 8. 1976.
- Tidball, Harriet. *The Weavers Book*. Macmillan. 1966.
- Tidball, Harriet. *Contemporary Satins*. Shuttle Craft Monograph 7. 1962.
- Wood, Irene. *Coverlets Course*. 1977
- Worst, Edward F. *Weaving with Foot Power Looms*. Dover. 1974.

Photo 6—Weave Structure



Coming next month: Floor loom book reviews and maybe some others too. Let me hear what your favorite books are. Perhaps you'd also like to tell me your favorite journals or any other books that have inspired your weaving. Write to me at 4341 Dupont Ave. So., Minneapolis 55409, or at the Guild, or call me at 824-7045 and we will print the results next month.

Photos 1, 2, 3, 4, by Karen Searle
Photos 5, 6 by Jay Magoffin

Happy Weaving and Experimenting,

Joy!