NOVELTY IN MEN'S WEAR FROM ABROAD.

Worsted Suiting. (Stripe.)

Warp: 6044 ends.

Dress: 16 sections, each containing 7 patterns @ 62 ends, or 434 ends total.

Weave: 4-harness even sided twill for face, backed 1:1 with 4-harness uneven sided twill, used for ground portion of fabric, and which in turn is stripped over with a basket effect and a diagonal twill. Repeat 62 warp-threads and 16 picks.

Drawing-in draft: 18-harness fancy draw, as shown by cross type below weave.

Arrangement of Warp:
7 ends 2 48's worsted, olivebrown.
1 end 2 36's worsted, med. green.
1 " 2 56's worsted, bordeaux. × 2.
1 " 2 50's merc. cotton, olive.
49 ends 2 48's worsted, olivebrown.
—
62 ends in repeat of pattern.

Reed: 13½ drawn thus:
7 dents with 8 ends.
1 " " 6 "
8 dents containing 62 ends, or one repeat of the pattern, to be 4½ inches wide in reed.

Filling: 46 picks per inch, all 2/42's worsted olivebrown.

Finish: Worsted finish, scour well, clear face, 56" finished width.

CREPE WEAVES.
(Continued from page 6.)

Satin Foundations—Counting-off in Sets of Two or More Warp-threads.

This system of constructing crèpe weaves having satin foundations differs from the one previously explained in that two different interlacings of the warp-threads in the repeat of the weave are made use of. A given interlacing is added to each foundation satin spot, counting this interlacing for some of the warp-threads upwards and for the others downwards on the weave plan. To explain this method of constructing crèpe weaves the accompanying plate of weaves is given, and where cross type in every instance indicates the respective foundation satin weave.

Fig. 1: Foundation the 7-harness satin. The interlacing selected for every warp-thread, for its six picks between two satin spots, is $\frac{3}{4}$, counting for every uneven warp-thread (considering two repeats of the satin, i.e., 14 warp-threads: 1, 3, 5, 7, 9, 11 and 13) beginning with the next pick to the satin spot upwards, and for every even warp-thread (2, 4, 6, 8, 10, 12 and 14) starting from the pick before the satin spot and counting downwards on the weave plan, resulting in a crèpe weave, repeating on 14 warp-threads and 7 picks. Two repeats in height of weave are given the repeat on top being shown all in full type.

Fig. 2 has for its foundation the 10-harness satin, used with counting-off $\frac{3}{4}$, alternately, every uneven warp-thread upwards and every even warp-thread in the repeat of the weave downwards, for the nine picks between the two spots of the repeat of the 10-harness satin. Repeat of weave 10 warp-threads and 10 picks. One repeat of weave is given.

Fig. 3, same foundation weave and arrangement as used with weave Fig. 2, using $\frac{1}{4}$, for counting-off the interlacing of the warp-threads with its picks.

Fig. 4, same foundation weave and arrangement as used with weave Fig. 2, using $\frac{2}{4}$, for counting-off the interlacing of the warp-threads with its picks.

Fig. 5 has for its foundation the 8-harness satin, used with counting-off $\frac{3}{4}$, for the seven picks between every two satin spots. In this instance the counting is done alternately for two warp-threads counting upwards and for one warp-thread downwards, taking in either instance the respective pick nearest to the satin spot as the basis to start counting from. This gives us 3 warp-threads to the set and which number in connection with 8, the basis of the foundation, gives us $(3 \times 8 = 24)$ as the lowest possible multiple of said two numbers (3 and 8) hence repeat of weave 24 warp-threads and 8 picks. Two repeats in its height are given.