

**Two-ply Car'pet.** A carpet having a double web. Each web has its warp and its weft; but as

Fig. 6840.



*Double Cloth.*

these are interchangeable, a great variety of colors may be produced on either surface. One of the warps is alternately raised above the other while the shuttle is thrown. A section of this fabric is shown in Fig. 6840.

These carpets are wholly of worsted or of woolen; or the chain is of worsted and the weft of wool. (Worsted is a well-twisted yarn, made of long-stapled, combed wool.)

The process of weaving both webs is carried on at the same time, and in each part of the cloth that part is brought to the surface which is required to produce that portion of the pattern.

The warps are of different colors, and the threads are governed by treadles or by the Jacquard arrangement. The latter has generally superseded the less perfect contrivances, such as the *treadle, barrel, or draw looms*. The back of the carpet has the same pattern as the front, but the colors are reversed.

This form of carpet is known as *Scotch*, from its being so extensively manufactured in that country; also *kidderminster*, from the town of that name; also *ingrain*, from its being *dyed in the grain*, or before manufacture.

An extension of the same idea, in which three webs are interchangeably united, is known as *three-ply* or *triple-ingrain* carpet.