a filtration of any substances. As an example the fabric 2D the most binding structure is used: a plain weave.

3. Conditions of formation of pores in woven fabrics 2D

Let's consider bright examples of the through pores formed by variants of a woven fabric structure 2D by the most connected interlacing of threads (plain weave) at various phases of a structure.

On Figure 3 variants of porosity of a woven fabric with normal density of an arrangement of threads are shown at an average fifth phase of a structure. The square form of a pore (Figure 3(a)) is provided with use of threads of identical thickness from fibers of one kind with equal density of their arrangement: $d_{wp}=d_{wft}$, $L_{wp}^{N}=L_{wft}^{N}$. The size

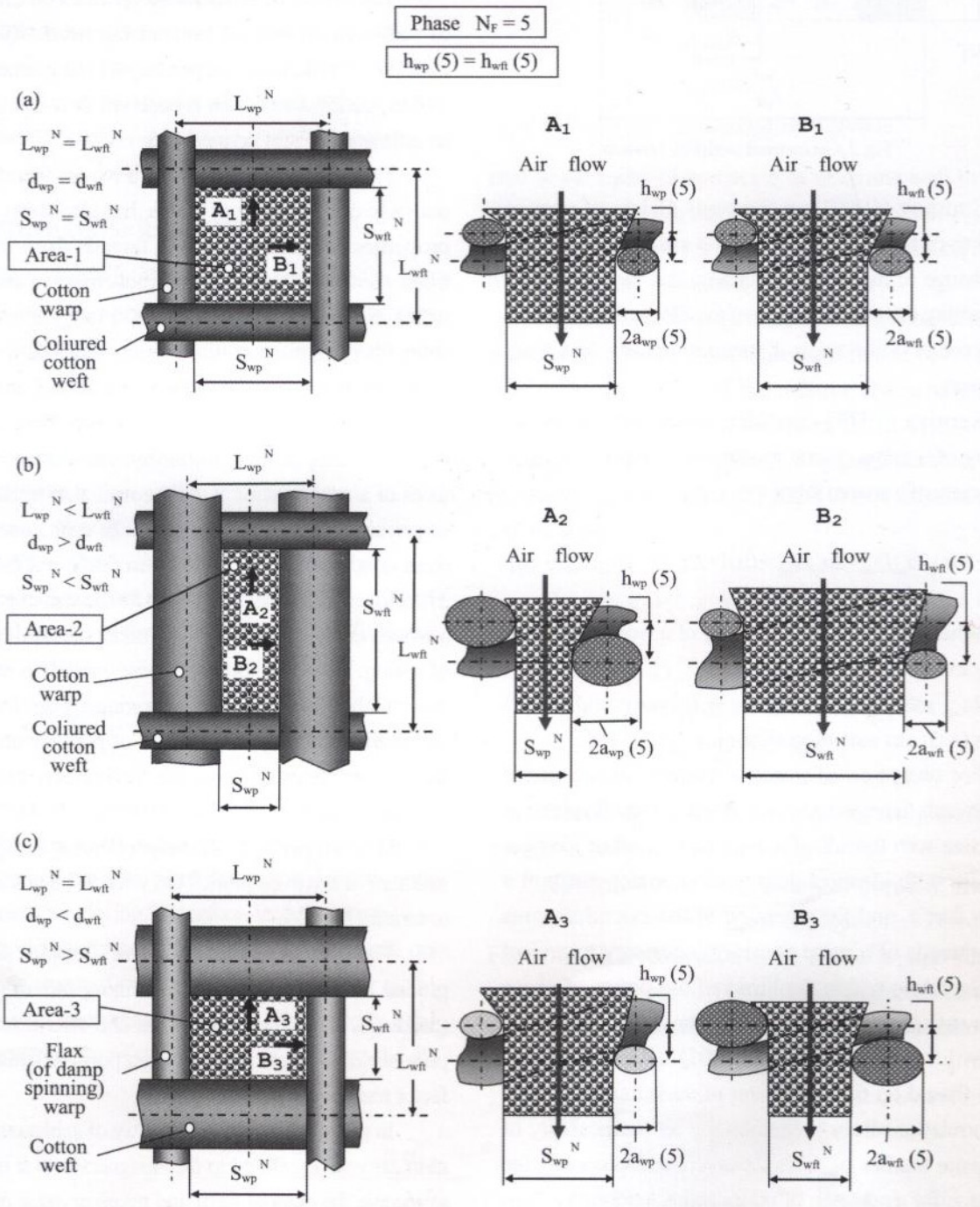

Fig. 3. Porosity of woven fabric five phase with normal density.