CLAIMS

1. A pack (1) with an inner volume (2) in which a food or beverage ingredient (7) is stored and in which a beverage is produced when water is introduced inside,
said inner volume (2) being defined by sheets of material (10) joined to one another at their edges and said inner volume (2) presenting a generally plane shape defining a plane (P) vertically oriented during beverage production,
said pack comprising at least one inlet (3) for introducing water in the inner volume and at least one outlet (4) for delivering the beverage from said inner volume, said water inlet and said beverage outlet being positioned at the bottom of the pack and being at least partially positioned between two joined edges of the sheets of material (10), and
an external end (3a) of the water inlet (3) being oriented essentially perpendicularly to the plane (P) defined by the inner volume (2), and
the beverage outlet (4) being a tube extending essentially vertically from the inner volume (2), and
wherein the beverage outlet comprises a hollowed out part (500) where a design adaptor (61, 62 63) fits to become the internal conduit of the beverage outlet, configuring the internal design of the beverage outlet to enable the preparation of different beverages, differing by their textures or visual aspects.

2. A pack according to Claim 1 wherein the pack comprises one single insert including the water inlet and the beverage outlet, said single insert being positioned at the bottom of the pack and being partially positioned between two joined edges of the sheets of material.

3. A pack according to any one of the precedent claims wherein the internal design of the beverage outlet is configured for limiting the presence of bubbles in the beverage.

4. A pack according to the precedent claim wherein the internal conduit of the beverage outlet comprises at least one transverse plate with at least two holes, said hole having a design configured for breaking bubbles while the beverage flows through.

5. A pack according to the precedent claim wherein the holes in the transverse plate present a design such that at least a part of the outline of each hole is rectilinear.

6. A pack according to any one of Claims 1 or 2, wherein the internal design of the beverage outlet is configured for adjusting the size of the bubbles in the beverage.

7. A pack according to the precedent claim wherein the internal design of the beverage outlet can be configured for dividing the flow of beverage entering in the internal conduit in several separated sub-flows of beverage at the end of the internal conduit of the beverage outlet.

8. A pack according to any one of the Claims 1 or 2 wherein the internal design of the beverage outlet is configured for improving mixing of the beverage ingredient and water before dispensing.

9. A pack according to the precedent claim wherein the beverage outlet comprises a static mixer in order to increase flow turbulence inside the internal conduit of the beverage outlet and/or to increase the path of the beverage flow in the internal conduit of the beverage outlet.

10. A pack according to any one of the precedent claims wherein said pack comprises at least two beverage outlets (4), said outlets differing by their internal design.

11. System for producing a range of single inserts comprising at least one water inlet (3) and at least one beverage outlet (4) for a pack according to any one of the precedent claims, said system comprising :

- one single insert body (50) comprising the at least one water inlet (3) and at least one hollowed out part (500) for receiving one design adaptor defining the internal design of the beverage outlet,

and

- at least two different design adaptors (61, 62, 63) defining different internal designs of the beverage outlet and fitting with the hollowed out part (500) of the single insert body.

12. System according to the precedent claim wherein in the single insert body (50) the end of hollowed out part (500) is closed by a plug, said plug comprising a bond attached to the single insert body.

13. System according to Claim 11 or 12 wherein design adaptors are tubes presenting different internal designs.

14. System according to Claim 11 or 12 wherein design adaptors are mixing blades.

15. System according to any one of Claims 11 to 14 for producing a pack according to Claim 10 wherein the single insert body (50) comprises two hollowed out parts (500) each being configured for receiving and fitting one design adaptor (61, 62, 63) defining the internal design of the beverage outlet.

16. A range of packs (1a, 1b) according to any of Claims 1 to 10 wherein the packs differ by the internal design of at least one beverage outlet (4).

17. A method for the preparation of a food or beverage comprising the steps of :

- providing a pack (1) according to any one of claims 1 to 10 and positioning said pack with the inlet and the outlet positioned downwardly,
- injecting water into the pack to mix with the food or beverage ingredient,
- allowing the prepared beverage to escape through the outlet into a receptacle.

18. A method according to Claim 17, wherein the pack (2) is not pressurized during the beverage preparation.