Claims

1. A man-made vitreous fibre (MMVF) acoustic panel, having a first major face and an opposite second major face, with the first major face comprising a facing with a surface coating, **characterized in that** the surface coating comprises microspheres, wherein the average diameter of the microspheres is in the interval of 10-200 µm, wherein the facing is a non-woven or a felt having an air permeability of 400-900 l/m^2/s.

2. Acoustic panel according to claim 1, wherein the microspheres are made of silica, ceramic or glass.

3. Acoustic panel according to claim 1 or 2, wherein the average diameter of the microspheres is in the interval of 10-120µm, such as 15-70 µm.

4. Acoustic panel according to any preceding claim, wherein the panel is a MMVF panel having a density in the range of 40-150 kg/m^2, such as 60-130 kg/m^2.

5. Acoustic panel according to any preceding claim, wherein the facing is based on glass fibres.

6. Suspended ceiling system comprising
   a. a plurality of MMVF acoustic panels according to claim 1, each having a first major face and an opposite second major face, with the first major face comprising a facing; and
   b. a grid

   wherein the suspended ceiling comprises a surface coating on surfaces visible in the installed state of the suspended ceiling, **characterized in that** the surface coating comprises microspheres, wherein the average diameter of the microspheres is in the interval of 10-200 µm, and **in that** the facing is a non-woven or a felt having an air permeability of 400-900 l/m^2/s.

7. Suspended ceiling system according to claim 6, wherein the average diameter of the microspheres is in the interval of 10-120µm, such as 15-70 µm.

8. Method for producing a man-made vitreous fibre (MMVF) acoustic panel comprising the steps of:
providing a MMVF panel,
attaching a front facing to a first major face of the panel, wherein the facing is a non-woven or a felt having an air permeability of 400-900 $l/m^2/s$,
applying a surface coating on the front facing,
characterized in that the surface coating comprises microspheres having an average diameter in the interval of 10-200 µm, and that prior to applying the surface coating, the surface coating is conditioned to have a viscosity of 20-40s DIN CUP4.

9. Method according to claim 8, wherein the surface coating is applied using a low viscosity coating technique, such as using rollers, brushes, spray nozzles or curtain coating.