What is claimed is:

1. A laminated glazing comprising a first ply connected to a second ply by a polymeric interlayer, wherein the first ply has a first major surface and a second major surface, and the second ply has a third major surface and a fourth major surface; and a solar control coating located on at least one of the major surfaces, the solar control coating comprising:

a first phase adjustment layer; a first metallic layer located over the first phase adjustment layer; a first primer layer located over the first metallic layer; a second phase adjustment layer located over the first primer layer; a second metallic layer located over the second phase adjustment layer; a second primer layer located over the second metallic layer; a third phase adjustment layer located over the second primer layer; a third metallic layer located over the third phase adjustment layer; a third primer layer located over the third metallic layer; a fourth phase adjustment layer located over the third primer layer; and a protective layer located over the fourth phase adjustment layer,

wherein the first phase adjustment layer has an optical thickness in the range of 53 nm to 74 nm;

wherein the second phase adjustment layer has an optical thickness in the range of 118 nm to 136 nm;

wherein the third phase adjustment layer has an optical thickness in the range of 147 nm to 156 nm; and/or

wherein the fourth phase adjustment layer has an optical thickness in the range of 60 nm to 73 nm.

2. The laminated glazing of claim 1 wherein the phase adjustment layers comprise dielectric or semiconductor materials.

3. The laminated glazing of claim 1 wherein the phase adjustment layers comprise non-metallic materials.

4. The laminated glazing of claim 1:

wherein the first phase adjustment layer has a geometric thickness in the range of 26 nm to 37 nm;

wherein the second phase adjustment layer has a geometric thickness in the range of 59 nm to 68 nm;

wherein the third phase adjustment layer has a geometric thickness in the range of 73.5 nm to 78 nm; and/or

wherein the fourth phase adjustment layer has a geometric thickness in the range of 30 nm to 37 nm.

5. The laminated glazing of claim 1:

wherein the first primer layer has an optical thickness in the range of 6 nm to 14 nm;

wherein the second primer layer has an optical thickness in the range of 6 nm to 13 nm; and/or

wherein the third primer layer has an optical thickness in the range of 2.5 nm to 10 nm.

6. The laminated glazing of claim 1:

wherein the first primer layer has a geometric thickness in the range of 2.5 nm to 5.5 nm;

wherein the second primer layer has a geometric thickness in the range of 2.5 nm to 5 nm; and/or

wherein the third primer layer has a geometric thickness in the range of 1 nm to 4 nm.

7. The laminated glazing of claim 1:

wherein the first metallic layer has a geometric thickness in the range of 8 nm to 15 nm;

wherein the second metallic layer has a geometric thickness in the range of 8.5 nm to 15 nm; and

wherein the third metallic layer has a geometric thickness in the range of 8.5 nm to 16 nm.

8. The laminated glazing of claim 1: wherein the protective layer has an optical thickness in the range of 60 nm to 200 nm.

9. The laminated glazing of claim 1:

wherein at least one of the phase adjustment layers comprises a metal oxide, a doped metal oxide, a non-doped metal oxide, a mixture of metal oxides, or a metal alloy oxide;

wherein at least one of the metallic layers comprises a continuous film of metallic silver; and/or

wherein at least one of the primer layers comprises titania.

10. The laminated glazing of claim 1:

wherein the first phase adjustment layer comprises a multi-film structure having a first film and a second film located over the first film;

wherein the first film has a geometric thickness in the range of 18 nm to 25 nm;

wherein the second film has a geometric thickness in the range of 8 nm to 13 nm;

wherein the first film comprises an oxide of an alloy of zinc and tin;

wherein the second film comprises zinc oxide or tin doped zinc oxide.

11. The laminated glazing of claim 1:

wherein the second phase adjustment layer comprises a first film, a second film, and a third film;

wherein the first film or third film have a geometric thickness in the range of 8 nm to 10 nm;

wherein the second film has a geometric thickness in the range of 42 nm to 49 nm;

wherein the first film and the third film comprise zinc oxide or tin doped zinc oxide; and/or

wherein the second film comprises zinc stannate.

12. The laminated glazing of claim 1:

wherein the third phase adjustment layer comprises a first film, a second film, and a third film;

wherein the first film and/or the third film have a geometric thickness in the range of 10 nm to 14 nm;

wherein the second film has a geometric thickness in the range of 52 nm to 54 nm;

wherein the first film and/or the third film comprises zinc oxide or tin doped zinc oxide; and/or

wherein the second film comprises zinc stannate.

13. The laminated glazing of claim 1:

wherein the protective layer has a geometric thickness in the range of 30 nm to 100 nm; and/or

wherein the protective layer comprises a mixture of silica and alumina.

14. The laminated glazing of claim 1: wherein the first phase adjustment layer comprises a first film comprising zinc stannate and a second film comprising zinc oxide; the first metallic layer comprises a continuous layer of metallic silver; the first primer layer comprises titania deposited as titanium metal; the second phase adjustment layer comprises a first film comprising zinc oxide, a second film comprising zinc stannate, and a third film comprising zinc oxide; the second metallic layer comprises a continuous layer of metallic silver; the second primer layer comprises titania deposited as titanium metal; the third phase adjustment layer comprises a first film comprising zinc oxide, a second film comprising zinc stannate, and a third film comprising zinc oxide; the third metallic layer comprises a continuous layer of metallic silver; the third primer layer comprises titania deposited as titanium metal; the fourth phase adjustment layer comprises a first layer comprising zinc oxide and a second layer comprising zinc stannate; and the protective layer comprises a mixture of silica and alumina.

15. The laminated glazing of claim 1, wherein the solar control coating is located on the second major surface, wherein the first ply has a higher visible light transmittance than the second ply.

16. The laminated glazing of claim 1:

wherein the first metallic layer has a geometric thickness in the range of 8 nm to 13 nm;

wherein the second metallic layer has a geometric thickness in the range of 10 nm to 13.5 nm; and

wherein the third metallic layer has a geometric thickness in the range of 10 nm to 15 nm.

17. The laminated glazing of claim 1:

wherein the first metallic layer has a geometric thickness in the range of 9 nm to 11 nm;

wherein the second metallic layer has a geometric thickness in the range of 10 nm to 13 nm; and

wherein the third metallic layer has a geometric thickness in the range of 12 nm to 14 nm.

18. The laminated glazing of claim 1:

wherein the fourth phase adjustment layer comprises a first film and a second film;

wherein the first film has a geometric thickness in the range of 10 nm to 13 nm;

wherein the second film has a geometric thickness in the range of 19 nm to 24 nm;

wherein the first film comprises zinc oxide or tin doped zinc oxide; and/or wherein the second film comprises zinc stannate.

19. A method of preparing a laminated glazing comprising a first ply connected to a second ply by a polymeric interlayer, wherein the first ply has a first major surface and a second major surface, and the second ply has a third major surface and a fourth major surface; the method comprising:

applying a solar control coating to the second major surface or the third major surface, the solar control coating comprising:

a first phase adjustment layer; a first metallic layer located over the first phase adjustment layer; a first primer layer located over the first metallic layer; a second phase adjustment layer located over the first primer layer; a second metallic layer located over the second phase adjustment layer; a second primer layer located over the second metallic layer; a third phase adjustment layer located over the second primer layer; a third metallic layer located over the third phase adjustment layer; a third primer layer located over the third metallic layer; a fourth phase adjustment layer located over the third primer layer; and a protective layer located over the fourth phase adjustment layer,

wherein the first phase adjustment layer has an optical thickness in the range of 53 nm to 74 nm;

wherein the second phase adjustment layer has an optical thickness in the range of 118 nm to 136 nm;

wherein the third phase adjustment layer has an optical thickness in the range of 147 nm to 156 nm; and/or

wherein the fourth phase adjustment layer has an optical thickness in the range of 60 nm to 73 nm.