CLAIMS

What is claimed is:

1. A coated substrate, comprising:

a first light transmissive substrate comprising float glass and having ~~one or more major surfaces~~ an air major surface and a tin major surface; ~~and~~

a coating disposed directly on at least a portion of ~~at least one of~~ the air major ~~surfaces~~ surface of the first substrate, the coating comprising an adhesion promoter including at least one ~~of a metal, a~~ metal oxide~~, and a metal nitride~~ selected from silicon oxide, tin oxide, and titanium oxide~~,~~; and

an ionomeric resin sheet layer disposed between the coating and a second light transmissive substrate,

wherein the coating has a thickness of about 10 Å to about 1000 Å.

~~2. The coated substrate of claim 1, wherein the metal, metal oxide, or metal nitride is selected from silicon, tin, titanium, zinc, silicon oxide, silicon dioxide, tin oxide, titanium oxide, zinc oxide, silicon nitride, tin nitride, titanium nitride, and zinc nitride.~~

~~3.~~2. The coated substrate of claim 1 ~~or claim 2~~, wherein the coating has a thickness of about 100 Å to about 180 Å.

~~4.~~3. The coated substrate of ~~any one of~~ claim 1 ~~to 3~~, wherein the second light transmissive substrate comprises float glass.

~~5. The coated substrate of claim 4, wherein the one or more major surfaces of the float glass substrate include an air major surface and a tin major surface.~~

~~6. The coated substrate of claim 5, wherein the coating is disposed on the air major surface.~~

~~7. The coated substrate of claim 5, wherein the coating is disposed on the tin major surface.~~

~~8.~~4. The coated substrate of claim ~~5~~ 1, ~~wherein~~ further including ~~the~~ a second coating ~~is~~ disposed on at least a portion of ~~each of the air major surface and~~ the tin major surface of the first substrate.

~~9.~~5. A light transmissive laminate, comprising:

at least a first light transmissive substrate and a second light transmissive substrate, each substrate having a first major surface and a second major surface wherein the first light transmissive substrate comprises float glass having an air major surface and a tin major surface;

a coating disposed directly on at least a portion of ~~at least~~ the ~~first~~ air major surface of ~~at least~~ the first substrate, the coating comprising an adhesion promoter including at least one ~~of a metal, a~~ metal oxide~~, and a metal nitride~~ selected from silicon oxide, tin oxide, and titanium oxide; and

an ionomeric layer disposed on the coating between the coating and the second light transmissive substrate.

~~10. The laminate of claim 9, wherein the ionomeric layer is disposed between the coating and the second substrate.~~

~~11.~~6. The laminate of claim ~~9~~ 5 ~~or claim 10~~, wherein the ionomeric layer comprises a thermoplastic polymer.

~~12.~~7. The laminate of ~~any one of~~ claim ~~9~~ 5 ~~to 11~~, wherein ~~at least one of the first light transmissive substrate and~~ the second light transmissive substrate comprises float glass.

~~13. The laminate of claim 12, wherein the first major surface and second major surface of the float glass include an air major surface and a tin major surface.~~

~~14. The laminate of claim 13, wherein the coating is disposed on the air major surface of at least one of the first light transmissive substrate and the second light transmissive substrate.~~

~~15.~~8. A method of ~~coating a substrate~~ making the coating substrate of claim 1, the method comprising:

sputtering ~~an~~ the adhesion promoter onto ~~at least a portion of at least a one~~ the air major surface of the first light transmissive substrate,

wherein the adhesion promoter includes at least one ~~of a metal, a~~ metal oxide~~, and a metal nitride~~ selected from silicon oxide, tin oxide, and titanium oxide.

~~16.~~9. The method of claim ~~15~~ 8, wherein the sputtering is by magnetron sputter vacuum deposition.

~~17. The method of claim 15 or claim 16, wherein the metal, metal oxide, or metal nitride is selected from silicon, tin, titanium, zinc, silicon oxide, silicon dioxide, tin oxide, titanium oxide, zinc oxide, silicon nitride, tin nitride, titanium nitride, and zinc nitride.~~

~~18. The method of any one of claim 15 to 17, wherein the substrate comprises float glass and the float glass includes an air major surface and a tin major surface.~~

~~19.~~10. The method of claim ~~18~~ 8, wherein the ~~coating~~ adhesion promoter is also sputtered onto the tin major surface.

~~20. The method of claim 18, wherein the coating is sputtered onto each of the air major surface and the tin major surface.~~