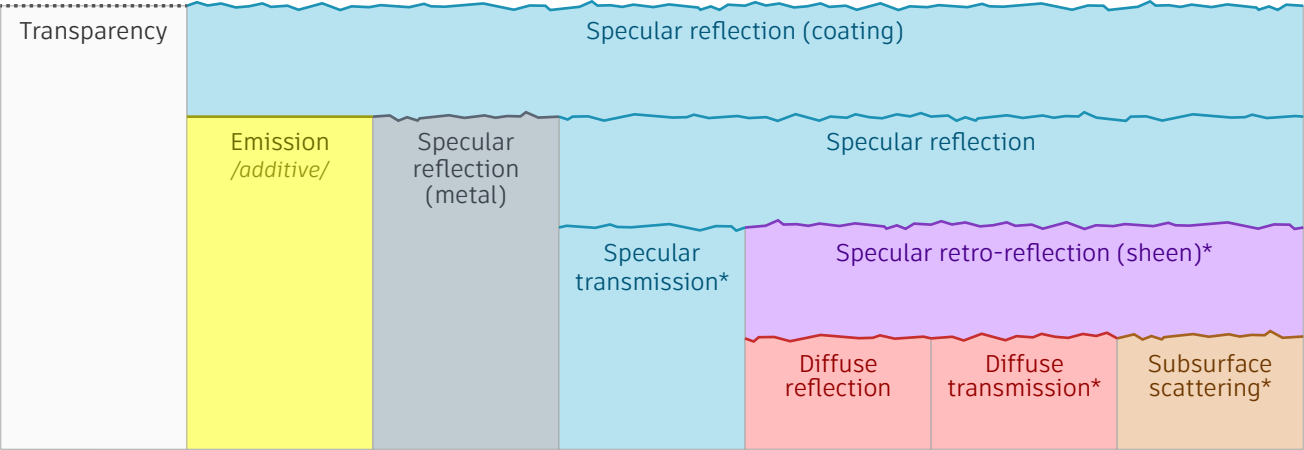
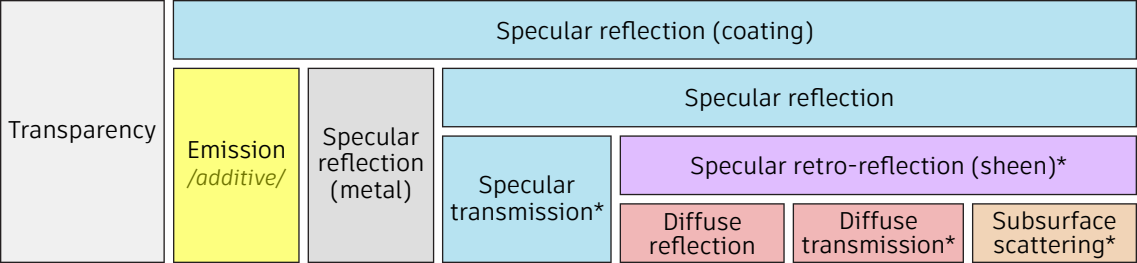
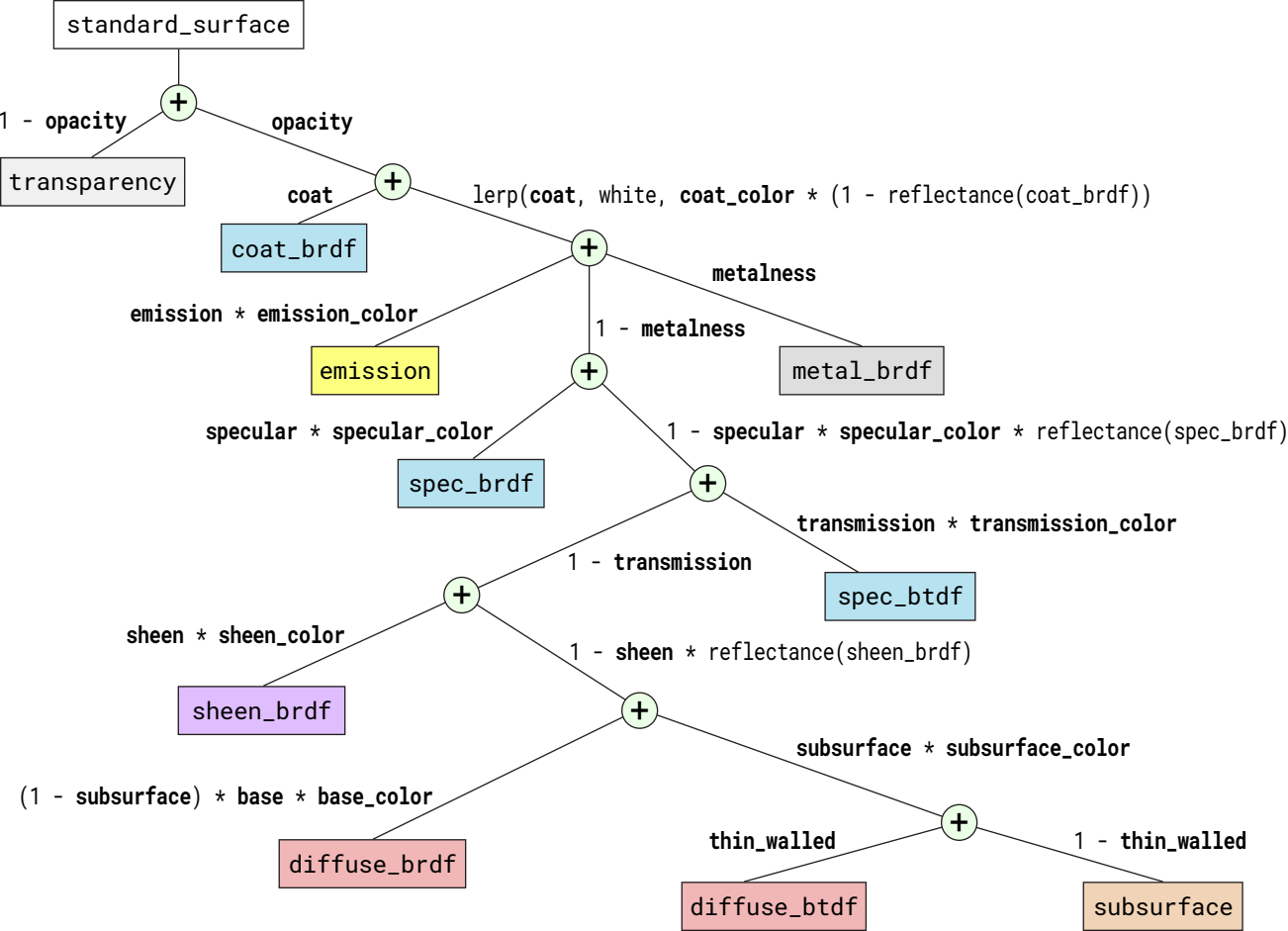

Transparency
Specular reflection (coating)
Emission
/additive/
Specular
reflection
(metal)
Specular reflection
Specular
transmission*
Specular retro-reflection (sheen)*
Diffuse
reflection
Diffuse
transmission*
Subsurface
scattering*


Transparency
Specular reflection (coating)
Emission
/additive/
Specular reflection (metal)
Specular reflection
Specular transmission*
Specular retro-reflection (sheen)*
Diffuse reflection
Diffuse transmission*
Subsurface scattering*


standard_surface
1 - opacity
opacity
transparency
coat
coat_brdf
lerp(coat, white, coat_color * (1 - reflectance(coat_brdf))
emission * emission_color
emission
metalness
1 - metalness
metal_brdf
specular * specular_color
spec_brdf
1 - specular * specular_color * reflectance(spec_brdf)
transmission * transmission_color
spec_btdf
1 - transmission
sheen * sheen_color
sheen_brdf
1 - sheen * reflectance(sheen_brdf)
subsurface * subsurface_color
(1 - subsurface) * base * base_color
diffuse_brdf
thin_walled
diffuse_btdf
1 - thin_walled
subsurface