What is the difference between PBR Panel, R Panel, and the A Panel?

The PBR stands for Purlin-Bearing Leg and refers to the approximately 1" additional metal width that rests on the purlin for added support. The R panel starts out approximately 1" narrower and does not have the extra purlin-bearing leg. The A Panel is practically identical to the PBR panel, but in reverse. The paint is on the opposite side and is meant to be installed upside-down, relatively speaking. The A Panel is used more frequently as siding for commercial and industrial steel framed structures.