

**We Claim:**

1. Al-based alloy-plated steel having a hairline appearance in which a hairline is formed on a surface of a plated layer made up of Si and a remainder being Al and impurities, wherein, in the plated layer, a plated amount per single surface of the plated layer is in a range of 20 g/m<sup>2</sup> to 100 g/m<sup>2</sup>; an amount of the Si in the entire plated layer is in a range of 5 mass% to 12 mass%; a maximum amount of the Si in a 2 µm-thick region in a surface layer of the plated layer is in a range of 12 mass% to 24 mass%; and, in the hairline, a surface roughness Ra at a right angle to the hairline is in a range of 0.3 µm to 2.0 µm; PPI at a reference level of 300 µin is 0; the PPI at a reference level of 200 µin is less than 10; and the PPI at a reference level of 30 µin is 50 or more.
2. The Al-based alloy-plated steel having a hairline appearance according to Claim 1, wherein, in the hairline, the surface roughness Ra at a right angle to the hairline is in a range of 0.3 µm to 1.0 µm; the PPI at a reference level of 300 µin is 0; the PPI at a reference level of 200 µin is 0; the PPI at a reference level of 100 µin is less than 10; and the PPI at a reference level of 30 µin is 50 or more.
3. The Al-based alloy-plated steel having a hairline appearance according to Claim 1 or 2, wherein 1 mg/m<sup>2</sup> to 1000 mg/m<sup>2</sup> of a chemical conversion treatment layer is present on the surface of the plated layer.
4. The Al-based alloy-plated steel having a hairline appearance according to Claim 1 or 2, wherein a transparent film layer having a thickness in a range of 0.5 µm to 100 µm is present on the surface of the plated layer.
5. The Al-based alloy-plated steel having a hairline appearance according to Claim 3, wherein a transparent film layer having a thickness in a range of 0.5 µm to 100 µm is formed on a surface of the chemical conversion treatment layer.

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