

ABSTRACT

A hot-dip plated steel sheet is employed in which, in the pattern part and the non-pattern part of the hot-dip plating layer, for incident light having an incident angle in a range of 0° to less than 90° against the normal-line direction of the sheet surface,
5 reflected light from the pattern part in the normal-line direction and reflected light from the non-pattern part in the normal-line direction have a relationship such that formula (1) and formula (2) below are satisfied: $|I_{PH} - I_{BH}|/|I_{PM} - I_{BM}| < 1.0 \quad \dots \quad (1)$, and $|I_{PL} - I_{BL}|/|I_{PM} - I_{BM}| < 1.0 \quad \dots \quad (2)$, herein each of I_{PH} and I_{BH} is reflection intensity from the pattern part and the non-pattern part for incident light having an incident angle of 0° to
10 less than 35°, each of I_{PM} and I_{BM} is reflection intensity from the pattern part and the non-pattern part in the normal-line direction for incident light having an incident angle of 35 to 80°, and each of I_{PL} and I_{BL} is reflection intensity from the pattern part and the non-pattern part in the normal-line direction for incident light having an incident angle of more than 80° to less than 90°.

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FIG. 2