CLAIMS

1. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned, wherein each H-steel beam has a flange outer face on which stripe-like protrusions are formed in a single direction.

2. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes is the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein each H-steel beam has a flange outer face on which stripe-like protrusions are formed in the longitudinal direction.

3. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein an H-steel beam of which flange outer face has stripe-like protrusions in the longitudinal direction and an H-steel beam of which flange outer face has stripe-like protrusions in a direction being perpendicular to the longitudinal direction are alternately connected.

4. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein an H-steel beam of which flange outer face has stripe-like protrusions in the longitudinal direction and an H-steel beam of which flange outer face has no protrusion are alternately connected.

5. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein an H-steel beam of which flange outer face has stripe-like protrusions in a direction being perpendicular to the longitudinal direction and an H-steel beam of which flange outer face has no protrusions are alternately connected.

6. The lining plate according to any one of claims 1 to 5,

wherein the stripe-like protrusions at the flange outer face of each H-steel beam has a protrusion height being not less than 1.0 mm and a ratio between the protrusion height and a protrusion interval being not less than 0.07 and not more than 0.2.

CLAIMS

1. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein each H-steel beam has a flange outer face on which stripe-like protrusions are formed in a single direction,

wherein the stripe-like protrusions at the flange outer face of each H-steel beam has a protrusion height being not less than 1.0 mm and a ratio between the protrusion height and a protrusion interval being not less than 0.07 and not more than 0.2,

wherein the sectional shape means a shape of the H-steel beam excepting cross-sections of the stripe-like protrusions, and

wherein the lining plate is used with the surface coating applied on at least one flange outer face provided with the stripe-like protrusions.

2. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes is the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein each H-steel beam has a flange outer face on which stripe-like protrusions are formed in the longitudinal direction,

wherein the stripe-like protrusions at the flange outer face of each H-steel beam has a protrusion height being not less than 1.0 mm and a ratio between the protrusion height and a protrusion interval being not less than 0.07 and not more than 0.2,

wherein the sectional shape means a shape of the H-steel beam excepting cross-sections of the stripe-like protrusions, and

wherein the lining plate is used with the surface coating applied on at least one flange outer face provided with the stripe-like protrusions.

3. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein an H-steel beam of which flange outer face has stripe-like protrusions in the longitudinal direction and an H-steel beam of which flange outer face has stripe-like protrusions in a direction being perpendicular to the longitudinal direction are alternately connected,

wherein the stripe-like protrusions at the flange outer face of each H-steel beam has a protrusion height being not less than 1.0 mm and a ratio between the protrusion height and a protrusion interval being not less than 0.07 and not more than 0.2,

wherein the sectional shape means a shape of the H-steel beam excepting cross-sections of the stripe-like protrusions, and

wherein the lining plate is used with the surface coating applied on at least one flange outer face provided with the stripe-like protrusions.

4. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein an H-steel beam of which flange outer face has stripe-like protrusions in the longitudinal direction and an H-steel beam of which flange outer face has no protrusion are alternately connected,

wherein the stripe-like protrusions at the flange outer face of each H-steel beam has a protrusion height being not less than 1.0 mm and a ratio between the protrusion height and a protrusion interval being not less than 0.07 and not more than 0.2,

wherein the sectional shape means a shape of the H-steel beam excepting cross-sections of the stripe-like protrusions, and

wherein the lining plate is used with the surface coating applied on at least one flange outer face provided with the stripe-like protrusions.

5. A lining plate formed by connecting a plurality of H-steel beams of which sectional shapes are the same and of which heights of flange outer faces and longitudinal directions are aligned,

wherein an H-steel beam of which flange outer face has stripe-like protrusions in a direction being perpendicular to the longitudinal direction and an H-steel beam of which flange outer face has no protrusions are alternately connected,

wherein the stripe-like protrusions at the flange outer face of each H-steel beam has a protrusion height being not less than 1.0 mm and a ratio between the protrusion height and a protrusion interval being not less than 0.07 and not more than 0.2,

wherein the sectional shape means a shape of the H-steel beam excepting cross-sections of the stripe-like protrusions, and

wherein the lining plate is used with the surface coating applied on at least one flange outer face provided with the stripe-like protrusions.