## Claims

1. A deck plate formed from a metal plate, characterized by comprising:

ribs extending from one end to another end on one surface, at an interval between the ribs;

end closed portions where both end portions of the ribs are crushed in a direction at a right angle to the one surface; and

an uneven part formed on a flat portion between adjacent ribs,

a friction coefficient $\mu$ of the uneven part is $\mu = 2t/B$

where t is an unevenness amount of the uneven part from a surface of the flat portion and B is the width of the uneven part.

2. A deck plate formed from a metal plate, characterized by comprising:

ribs extending from one end to another end on one surface, at an interval between the ribs;

end closed portions where both end portions of the ribs are crushed in a direction at a right angle to the one surface; and

an uneven part formed on a flat portion between adjacent ribs,

a length L of the uneven part is $L = mA/nt$

where A is a cross-sectional area of the uneven part as viewed from a short-side, m is the number of uneven parts arranged along a short-side direction of the uneven part, n is the number of uneven parts arranged along a longitudinal direction of the uneven part, and t is an unevenness amount of the uneven part from a surface of the flat portion.

3. The deck plate according to claim 1 or 2, characterized in that the uneven part extends in a direction intersecting an extending direction of the ribs.

4. The deck plate according to any one of claims 1 to 3, characterized in that the uneven part is formed in plurality at intervals along an extending direction of the ribs.

5. The deck plate according to claim 4, characterized in that uneven parts formed in a region interposed between the adjacent ribs and uneven parts formed in a region adjacent to the region are arranged in a staggered pattern.

6. The deck plate according to claim 5, characterized in that a length L of uneven parts is L = 43 mm to 260 mm.

7. The deck plate according to claim 5 or 6, characterized in that uneven parts formed in one of the adjacent regions are displaced in an extending direction of the ribs by a length equal to half of the interval between the adjacent uneven parts formed in the other region.

8. The deck plate according to any one of claims 4 to 7, characterized in that an interval G between the adjacent uneven parts is G = 50 mm to 100 mm.

9. The deck plate according to any one of claims 1 to 8, characterized in that a friction coefficient $\mu$ of a single one of uneven parts is $\mu \geq 0.05$.

10. The deck plate according to any one of claims 1 to 9, characterized in that a coefficient of slip resistance C. S. R of a surface of the flat portion is $0.4 \leq$ C. S. R $\leq 0.9$.

11. The deck plate according to any one of claims 1 to 10, characterized in that a width B of the uneven part is B = 10 mm to 30 mm.

12. The deck plate according to any one of claims 1 to 11, characterized in that an unevenness amount t of the uneven part from a surface of the flat portion is t = 1.0 mm to 3.5 mm.

13. A concrete structure characterized by comprising:

the deck plate according to any one of claims 1 to 12; and

a concrete layer formed integrally with the deck plate by pouring and solidifying of the concrete layer on an upper surface of the deck plate.