

ABSTRACT

A Z-shaped steel sheet pile 1 according to the present invention includes a first joint portion 5 formed at an end of a first flange portion 3 included in the Z-shaped steel sheet pile 1 and a second joint portion 9 formed at an end of a second flange portion 7 included in the Z-shaped steel sheet pile 1. A steel sheet pile wall 27 can be formed by arranging a plurality of the Z-shaped steel sheet piles 1 next to each other and connecting the Z-shaped steel sheet piles 1 together by engaging the first and second joint portions 5 and 9 with each other. The first joint portion 5 is a double-claw-type joint portion including a main claw 13 and a sub-claw 15. The main claw 13 includes a protruding portion 11 at an end thereof and is arranged on an inner side of the steel sheet pile. The sub-claw 15 is formed so as to oppose the main claw 13 and is arranged on an outer side of the steel sheet pile. The second joint portion 9 is a double-claw-type joint portion including a main claw 13 and a sub-claw 15. The main claw 13 includes a protruding portion 11 at an end thereof and is arranged on the outer side of the steel sheet pile. The sub-claw 15 is formed so as to oppose the main claw 13 and is arranged on the inner side of the steel sheet pile.