

Abstract

Title of the Invention

REFRACTORY TILE FOR PROTECTING BOILER WATER PIPE

Object

- 5 Provided is a refractory tile for protecting a boiler water pipe capable of preventing a crack, allowing easy construction, strengthening adhesive force, and allowing stable construction on a boiler water pipe.

Solution

- 10 A refractory tile 1 includes a first individual wing portion 2A having a width W and a height H, a center portion 3, and a second individual wing portion 2B having a width W and a height H that are integrally molded in a rectangular shape having a full width L and a full height H, and includes only three spacers on a back surface of the refractory tile and a recess 4 at a center of the refractory tile. In the first
- 15 individual wing portion 1A, the first spacer 5A is disposed on an imaginary line extending in the height direction at a position of a width $(3/4)W$ from the center portion 3. In the second individual wing portion 2B, a second spacer 5B is disposed on an imaginary line extending in the height direction at a position of a width $(1/4)W$ from the center portion 3, and a third spacer 5C is disposed on an imaginary line
- 20 extending in the height direction at a position of a width $(3/4)W$ from the center portion 3. The area S of the imaginary triangle 9 connecting the midpoints of the spacers is expressed as $\{(H/2) \times (L-W)\} / 2 \leq S < (L \times H) / 2$.

[FIG. 4]