

ABSTRACT

INSTALLATION METHOD OF FIREPROOF STRUCTURE FOR PROTECTING WATER PIPES

This invention provides an installation method for protecting water pipes that is easily installed, even in areas of the water pipe wall where bends exist, and that can be inexpensively manufactured, and delivers stable longevity in high temperature environments. This installation method comprises: a refractory castable process to embed refractory castable 12 in concave area between adjacent water pipes, at least in the bend areas 24 where the pipes bend to create an approximately flat surface on the water pipe wall 26 that faces the high temperature side; and a refractory tile process to install approximately flat-shaped refractory tiles 13 over the surface of said embedded refractory castable 12. This refractory tile process for the refractory tile 13 includes: a process to insert fastening members 15 previously installed on the foregoing water pipe 10 into a groove formed in said refractory tiles 13 to hold said tiles in place; and a process to bind said refractory tiles 13 to said embedded refractory castable by an adhesive material.

FIGURE 1(a)



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