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ABSTRACT

The object of this invention is to provide a fireproof structure for protecting water pipes in boilers and the like using refractory tiles which, even in areas where it would be difficult to slidably join them together, allows said refractory tiles to be easily and securely installed, and be manufactured at a low cost. The support members 15 provided on water pipes 10 have a sectional dimension at the base which is smaller than a sectional dimension at the tip, and the refractory tiles have an indent 14 on an engagement side facing the support member, the indent is wider than the tip of the support member to allow the indent to be freely inserted in the fore-aft direction onto the support members. Further, in this invention, the sectional dimension of the support member is stepped up from the base toward the tip, or smoothly tapered to the larger dimension.