

Building and Construction

WATER SUPPLY PIPES



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Using a newly developed construction method, stainless steel water supply pipes are replacing the commonly used polyvinyl-chloride alternatives. The new method allows builders to tailor the length of vertical pipes to the height of the building. Smaller diameter pipes are used to offset the larger flow-coefficient of stainless steel pipes. The use of stainless means that the water arrives clean and uncontaminated. The pipes are not easy to break which reduces both failures and maintenance costs significantly. Stainless pipes also offer excellent performance in earthquakes.



Location | JAPAN

Environment | INDOOR

Product | LIGHT GAUGE STAINLESS STEEL TUBES

Fabrication process | FORMING AND WELDING

Grade/surface | SUS304 TPD

Material thickness/diameter | 1.5 TO 3.0 TONNES/76.3 TO 216.3 MM

Weight | APPROXIMATELY 5 KG PER HOUSE

Competing material | POLYVINYL CHLORIDE

Date of Completion | APRIL 2010

Manufacturer | HASEKO CORPORATION

Material Supplier | NISSHIN STEEL

Source of Information | NISSHIN STEEL

Remarks