

WALL FLUES

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External chimney flues have traditionally been made with stainless steel grades such as AISI 304 or 316. However, ferritic stainless grades such as AISI 441 or 444 offer significant advantages. These include price stability over the longer term due to the low-levels of expensive alloys found in non-ferritic grades.

The ferritic grades also exhibit good mechanical properties including lower thermal expansion, higher thermal conductivity, corrosion resistance (depending on fuel burnt), and fire resistance to around 1,500°C.



Location | EUROPE

Environment | OUTDOOR

Product

Fabrication process | BENDING AND FORMING

Grade/surface | AISI 441 – OUTER TUBE, AISI 444 – INSIDE TUBE.

Material thickness/diameter | 0.50 TO 1.00 MM

Weight

Competing material | AISI 304 OR AISI 316

Date of Completion | 2010

Manufacturer | MK

Material Supplier | APERAM STAINLESS STEEL EUROPE

Source of Information | APERAM STAINLESS SERVICES & SOLUTIONS CENTRAL & EASTERN EUROPE

Remarks