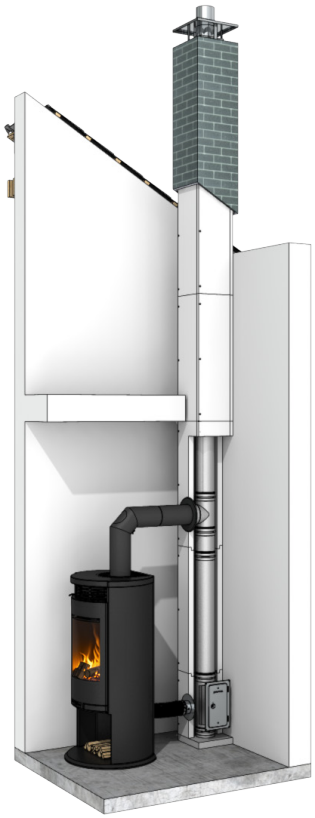
# System
# FURADO-F-LAS

## DESCRIPTION
Concentric shaft system consisting of calcium silicate fire protection panels with Jeremias Inside pipe EW-FU and 25 mm insulating shells

## MATERIAL
Calcium silicate fire protection panels

## WALL THICKNESS
50 mm

## INTERIOR SHAFT DIMENSIONS
140 x 140 mm up to 360 x 360 mm




## CHARACTERISTICS

- Extremely good insulating properties
- Easy to handle and assemble due to low weight
- Secure connection technology with tongue and groove joints
- Various liner solutions and shaft cladding meet all the relevant requirements
- Minimum clearance to flammable components
- 25 m installation height of the shaft without intermediate support
- Static set for installtion heights up to 3m above roof

## APPLICATION AREAS

- LAS operation with solid fuels (single occupancy)
- Standard heating applications for solid fuels (natural wood, coke, peat, coal*)
- New construciton and renovation

* except anthracite coal from Ibbenbühren, Germany

## LICENSE NUMBER
A DIBt approval is no longer explicitly granted for this type of construction; the basic construction of the shaft is described in DIBt approval Z-7.4-3482, but its use is regulated by building regulations -> Administrative regulation
Technical Building Regulations (VV-TB) and new DIN 18160-1:2023, as well as functional verification in accordance with EN 13384-1 & 13384-2.

## CLASSIFICATION TO DIN 18160-1
T400 - N1 - D - 3 - G50 - $L_A$90

Annular gap for supply air between insulation and shaft according to Jeremias calculation