



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

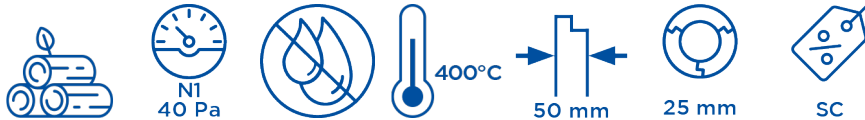
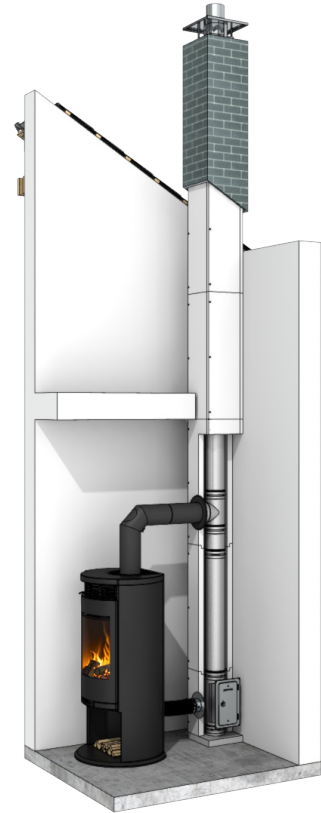
Calcium silicate fire protection panels

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 installation 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 construction and renovation

* except anthracite coal from Ibbenbüren, 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_A90

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

customer number.: _____ contact person: _____

delivery address _____

Desired appointment: _____ ☐ Pickup: _____

Tel.:

Date, Sign

- ☐ COMBUSTION ENGINEERING CALCULATION
☐ QUOTATION CREATION

SOLID FUEL FIREPLACE

Manufacturer		
Type		
Nominal heat output		kW
Exhaust gas mass flow		g/s
Exhaust gas temperature		°C
Required delivery pressure		Pa
Exhaust gas nozzle Ø		mm

NOMINAL DIAMETER (plus 25 mm insulation)	SHAFT DIMENSIONS	
	INSIDE	OUTSIDE
130 mm	240 x 240	340 x 340
150 mm	260 x 260	360 x 360
180 mm	290 x 290	390 x 390
200 mm	330 x 330	430 x 430
250 mm	390 x 390	490 x 490

CHIMNEY COVERING

☐ L =1000 MM		
☐ L =1500 MM		
☐ Plaster look	☐ plaster	
☐ Clinker	☐ sahara red ☐ apple blossom ☐ old red	☐ red ☐ anthracite
☐ Painted RAL	☐ RAL8017 gloss ☐ RAL7016 gloss ☐ RAL9005 gloss ☐ RAL4179 mat brushed ☐ RAL4798 mat brushed	☐ RAL8004 mat ☐ RAL8016 gloss ☐ RAL9011 mat brushed ☐ RAL1015 gloss ☐ RAL9010 mat

