



# 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

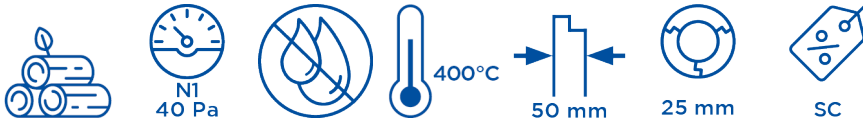
Calcium silicate fire protection panels

## WALL THICKNESS

50 mm  
Others on request

## 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

Z - 7.1 - 3480

## CLASSIFICATIONS TO DIN V 18160-1

T400 - N1 - D - 3 - G50 - L<sub>A</sub>90

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)	SHAFTMAßE	
	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

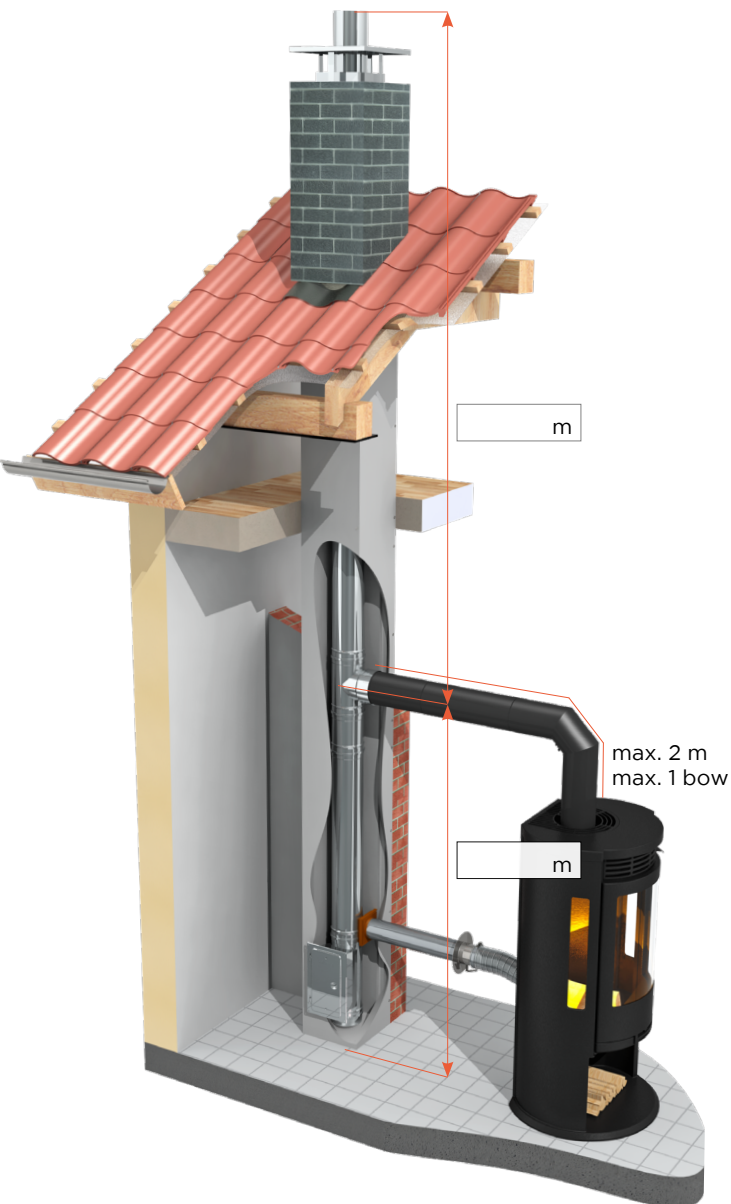
**CHIMNEY COVERING**

L =1000 MM  
 L =1500 MM

Plaster look  plaster

Clinker  sahara red  red  
 apple blossom  anthracite  
 old red

Painted RAL  RAL8017P-C411 gloss  RAL8004M-T29 mat  
 RAL7016P-C411 gloss  RAL8016P-C411 gloss  
 RAL9005PP-J2487 gloss  RAL9011MB-C626 brusy mat  
 RAL4179-8MB-C626 brusy mat  RAL1015PP-J2197 gloss  
 RAL4798-5MB-C626 brusy mat  RAL9010M-T29 mat



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