

At a glance

LIGHTWEIGHT SHAFTS AND FIRE PROTECTION WALL DUCTS

LIGHTWEIGHT SHAFT

Jeremias-FURADO is a space-saving, lightweight shaft system for new buildings and renovations. The shaft is thermally pretreated, meets all the requirements from the latest test criteria and offers different liner solutions for connection to various types of fireplaces.

For solid fuel fireplaces, we recommend using our FURADO-F system or the system FURADO-F-LAS for room air-independent operation. When operating an oil or gas fireplace, FURADO-A is the first choice.

FIRE PROTECTION DUCTS

LUX-NOVA and LUX-ECO are available as penetrations for wall, ceiling and roof.

THE LIGHTWEIGHT SHAFT SYSTEMS OF JEREMIAS ARE CHARACTERIZED BY:

- CE-Certification
- Safest connection technology by shiplap connection (or plug connector FURADO-A-LA30)
- Great variability: different shafts and inner pipe solutions for different types of fireplaces
- Easy to handle and ready for installation System
- Low weight of the shaft elements (only 300kg/m³)
- Moisture resistant shaft material
- Very good insulating properties
- Optional available as triangular shaft

System	Oil	Gas	SF	Temp.	Material	Wall thickness	TIG	Pres-sure	Certification	Classifications
FURADO-F	✓	✓	✓	≤ 400 °C	Lightweight shaft made of calcium silicate fire protection panels	Shaft 50 mm	25 mm Insulation	N1	Z - 7.4 - 3482	T400 - N1 - D - 3 - Gxx - L _A 90
FURADO-F-LAS	✓	✓	✓	≤ 400 °C			25 mm Insulation	N1	Z - 7.1 - 3482	T400 - N1 - D - 3 - G50 - L _A 90
FURADO-A / FURADO-PPS	✓	✓		≤ 120 °C			without Insulation		Z-7.4 - 3483	T120 - N1 - W - 2 - Oxx - L _A 90 T120 - P1 - W - 2 - Oxx - L _A 90 T120 - M1 - W - 2 - Oxx - L _A 90 T120 - H1 - W - 2 - Oxx - L _A 90
	✓	✓		≤ 160 °C			without Insulation		Z-7.4 - 3483	T160 - N1 - W - 2 - Oxx - L _A 90 T160 - P1 - W - 2 - Oxx - L _A 90 T160 - M1 - W - 2 - Oxx - L _A 90 T160 - H1 - W - 2 - Oxx - L _A 90
	✓	✓		≤ 200 °C			25 mm Insulation	H1 5000 Pa	Z - 7.4 - 3483	T200 - N1 - W - 2 - Oxx - L _A 90 T200 - P1 - W - 2 - Oxx - L _A 90 T200 - M1 - W - 2 - Oxx - L _A 90 T200 - H1 - W - 2 - Oxx - L _A 90
	✓	✓		≤ 400 °C			25 mm Insulation		Z - 7.4 - 3483	T400 - N1 - W - 2 - Oxx - L _A 90 T400 - P1 - W - 2 - Oxx - L _A 90 T400 - M1 - W - 2 - Oxx - L _A 90 T400 - H1 - W - 2 - Oxx - L _A 90
	✓	✓		≤ 600 °C			25 mm Insulation		Z - 7.4 - 3483	T600 - N1 - W - 2 - Oxx - L _A 90 T600 - P1 - W - 2 - Oxx - L _A 90 T600 - M1 - W - 2 - Oxx - L _A 90 T600 - H1 - W - 2 - Oxx - L _A 90
LUX-NOVA	✓	✓	✓	≤ 400 °C	Housing made of permanently temperature-resistant fire protection material				Z - 7.4-3487	T400 - L _A 00
LUX-ECO	✓	✓	✓	≤ 400 °C	Pipe shell made from non-flammable Vario-therm fiberglass insulation				Z - 7.4-3469	T400 - L _A 00

NOTE

xx = The distances from flammable components are dependent on diameter.

We therefore refer you to the DIBt approvals and our installation instructions available for download on our homepage.

If the height of your chimney exceeds approx. 5 m, please order additional 250 mm, 500 mm and 1000 mm straight pipe elements because the shafts are longer than our liners.

Effective length shaft elements: 250 = 225 mm / 500 = 475 mm / 1000 = 975 mm

Effective length inner tube: 250 = 190 mm / 500 = 440 mm / 1000 = 940 mm

All prices exclude statutory VAT. Subject to error and technical modification. Our General Terms & Conditions apply.