

SUPRA PLUS[®]

Condensing & High Pressure Single Wall Chimney System



British Built
Flue System



Commercial
Application



80-350mm
Diameter



T200 / T450
Rating



Condensate
Resistant (W)



PI / HI
Rating



Factory Fitted
Seals



20
Year Product
Warranty

SUPRA PLUS[®] is a British built single wall chimney system designed specifically for today's modern high efficiency appliances that operate under positive pressure and condensing conditions.

SUPRA PLUS offers several design advantages, including factory fitted and bonded triple lip elastomer seals, heavy and light duty locking bands and an extensive range of ancillary components to suit all varying site conditions. All fittings have been designed to be as compact as possible to service the needs of smaller plant rooms and specifically for wall-hung and modular appliances.

SUPRA PLUS has a wide range of applications and is suitable for use on gas and kerosene fired appliances where the flue gas temperature does not exceed 200°C and where any positive pressure does not exceed that stated in Table A. As well as being approved as a System Chimney, SUPRA PLUS is also approved for use as a rigid chimney liner and where local regulations permit, as a connecting flue pipe. With the seals removed, Supra Plus is also suitable as a ridged liner for flue gas temperatures up to 450°C when operating under negative draught conditions.

This makes SUPRA PLUS an ideal solution for today's high efficiency condensing appliances and applications that require up to 5000Pa (H1) positive pressure.

SUPRA PLUS is manufactured in 9 diameters ranging from 80mm to 350mm and consists of a range of lengths and fittings which simply push-fit together, and which are secured with a locking band and available with a wide range of support components that cater for both lateral and vertical structural loading of the product.

Larger diameters are available in the SUPRA XL range covering 400, 500 and 600mm internal diameter. SUPRA XL is available in both 1mm and 0.6mm 316L stainless. Please refer to separate sales literature.

Typical Applications

- Gas / Kerosene Condensing Boilers
- Chimney Relining
- Fume Extraction
- Coffee Roasters
- Cascade Boiler Installations
- Biomass
- Air inlet Ducting



PRODUCT &
DOWNLOADS
QR CODE

Table A

SUPRA PLUS® product designations to BS EN 1856-1/2							
Product Description	Standard Number	Temperature Class	Pressure Class	D = Dry W = Wet	Corrosion Class	Material Specification Liner Grade 316L Liner Thickness 0.5	Sootfire Resistance G= Yes O= No
SUPRA PLUS®	BS EN 1856-1	T200	PI	W	V2	L50050	O(X)
SUPRA PLUS®	BS EN 1856-1	T200	HI	W	V2	L50050	O(X)
(1) SUPRA PLUS®	BS EN 1856-2	T200	PI	W	V2	L50050	O
(1) SUPRA PLUS®	BS EN 1856-2	T200	HI	W	V2	L50050	O
(2) SUPRA PLUS® (SR)	BS EN 1856-2	T450	NI	D	V2	L50050	G
(3) SUPRA PLUS® (SR)	BS EN 1856-2	T450	NI	D	V2	L50050	G(450)M

Notes

- (1) Installed as a rigid liner within a masonry shaft - T200 PI / HI O
- (2) Installed as a rigid liner within a masonry shaft - T450 NI G
- (3) Installed as a connecting flues where regulations permit -T450 NI G450 M
- (SR) Denotes Seals Removed
- (X) Distance To Combustible (DN80 - DN300) = 200mm (DN350) = 300mm

Approvals

SUPRA PLUS is CE and UKCA certified to BS EN 1856-1 & 2, certificate No. 2797-CPR-496040, 2797-CPR-559419 and 0086-CPR-740592, 0086-CPR-740593 respectively to the performance designations as detailed in Table A above.

Quality

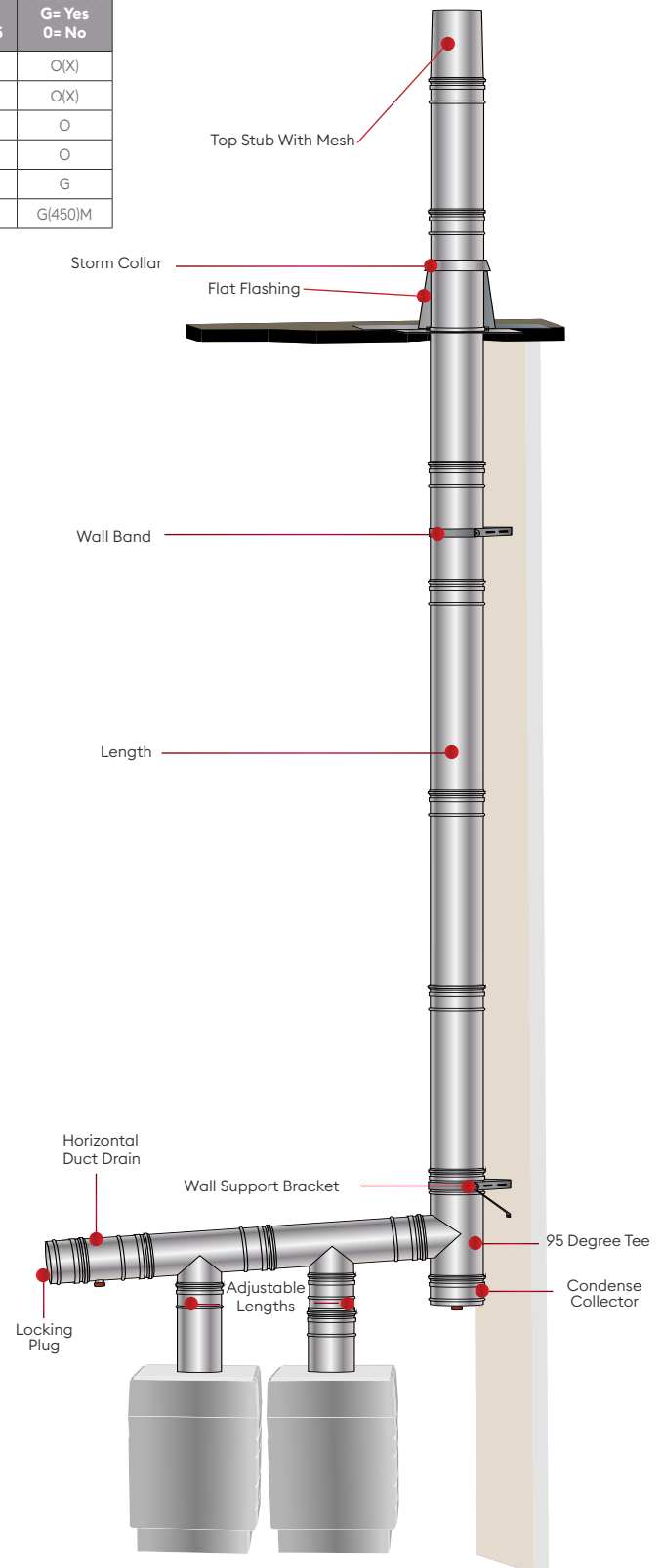
All components are manufactured under a quality management system, certificate No. FM557622, administered by British Standards in accordance with ISO 9001: 2015. In addition, SFL operate a CE approved factory production control system as required under the Construction Products Regulation.

Construction

The entire SUPRA PLUS system is manufactured from 0.5mm thick corrosion-resistant grade 316L stainless steel and is manufactured using a fully welded construction together with precision formed close tolerance joints. Condensate and pressure resistance is achieved by a three lip elastomer seal located in a recess within the female end.

Warranty

SUPRA PLUS is backed by a comprehensive 20-year product defects warranty. The 20-year warranty is a measure of our confidence in the manufactured quality and installed reliability of our flue systems and gives added peace of mind for any installation.



IMPORTANT (Always Read The Installation Instructions)

For detailed information regarding design, installation and application of this product, please refer to the separate installation instructions available on the website which can also be accessed from the QR code.

Partner with us, succeed together.

Do you need any assistance with your residential or commercial flue project? Our team of experts are on hand to help you at every stage. We offer design assistance, site surveys and work with experienced installers who offer full turnkey packages tailored to your needs.

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