

Appliances properties: LEDA Werk GmbH & Co. KG - KALA S ES 45 (2024)

Master data

Date of entry	Mar 23, 2026
Manufacturer	LEDA Werk GmbH & Co. KG
Trade name	LEDA
Model	KALA S ES 45 (2024)
Nominal heat output [kW]	9
Declared nominal space heating output [kW]	9
Continuous burning appliance	
Type test standard	EN 16510-2-2
Year of testing	2024
Test laboratory	RRF Rhein-Ruhr-Feuerstättenprüfstelle GmbH
Number of test laboratory	2
Number of test report	RRF - 1022 24 1176

Flue gas values

	Wood
Flue gas mass flow [g/s]	7.8
Flue gas mass flow [g/s]	309
Necessary flue draught [Pa]	12

Further important characteristics of the appliance

Suitability for installation to a shared flue¹⁾	
Connectivity to the central heating system	
General technical approval for room sealed operation	
Diameter flue gas outlet	0.18
Diameter combustion air inlet	0.15
Type of appliance acc. EN 16510-1	BE

¹⁾ For unsealed operation it is possible to install the appliances to a shared flue system (please see installation manual).

On behalf of the manufacturer, the HKI Industrieverband e.V. hereby confirms compliance with the respective requirements* in accordance with 1.BImSchV. The type test report of the fireplace has been submitted to the HKI Industrieverband e.V.

* A green check mark with a „1“ indicates that the requirements of the 1st BImSchV are fulfilled, a green check mark with a „2“ indicates that the 2nd level of the 1st BImSchV is fulfilled. A yellow check mark shows that the transitional regulation of the 1st BImSchV is fulfilled and a red line means that the 1st BImSchV is not fulfilled.

Evaluation of emission data and efficiency Wood

Inset appliances according to EN 16510-2-2	Evaluation
EU - Regulation (EU) 2015/1185 (Ecodesign)	
D - 1.BImSchV	 Stufe 2
F - Crédit d'impôt à la transition énergétique	 7★
I - Italian Decree No. 186	 ★★★★★

Evaluation of emission data and efficiency Lignite briquettes

Inset appliances according to EN 16510-2-2	Evaluation
EU - Regulation (EU) 2015/1185 (Ecodesign)	!
D - 1.BImSchV	!

Emission evaluation legend

-   Compliant with the requirements of the 2nd stage of the 1.BImSchV (only for Germany)
-   Compliant with the requirements of the 1st stage of the 1.BImSchV (only for Germany)
-   Compliant with the requirements of the Austrian Agreement pursuant to Art. 15a B-VG from 2015 (applies only to Austria)
-   Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 7* of the Flamme Verte Label
-   Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 6* of the Flamme Verte Label
-   Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 5* of the Flamme Verte Label
-   Compliant with the requirements of the 1 star stage in Italy.
-   Compliant with the requirements of the 2 star stage in Italy.
-   Compliant with the requirements of the 3 star stage in Italy.
-   Compliant with the requirements of the 4 star stage in Italy.
-   Compliant with the requirements of the 5 star stage in Italy.
-  Fulfils the requirements
-  Complies with requirements of the transition ruling (1.BImSchV)
-  Requirements are not fulfilled
-  No information/unknown
-  No measuring values are available for this fuel, operation with this fuel is not permitted

No symbol means that there are no requirements.

Here you will find further information