

Declaration of Performance according to Regulation (EU) 305/2011

No.: LE11120182



- 1. product Ekko W 67(45)51 s/h  
Fireplace inserts including open fireplaces fired by solid fuel with water heating supply  
EN 13229:2001/A2:2004/AC:2007
- 2. intended use space heating in residential buildings with possible supply of hot water
- 3. trade mark Schmid Feuerungstechnik GmbH & Co. KG  
Gewerbepark 18 | 49143 D-Bissendorf  
info@schmid.st | www.schmid.st
- 4. authorized representative -
- 5. system of assessment and verification of constancy of performance of the construction product system 3
- 6. The notified laboratory DBI-Gastechnologisches Institut gGmbH Freiberg  
D-09599 Freiberg – notified body number: 1721  
performed of the product type on the basis of type testing under system 3.  
DBI F 11/12/0182

report

7. declaration of performance

Harmonized technical specification	EN 13229:2001/A2:2004/AC:2007
essential characteristics	performance
fire safety	pass
reaction to fire	A1
minimum safety distance to combustible material	front = 800 mm
insulation thickness (SILCA® 250KM)	60 mm
risk of burning fuel falling out	pass
cleanability	pass
emission of combustion products (log of wood)	CO [ $< 0,1 \%$ ], [ $< 1250 \text{ mg/m}^3$ ] dust content [ $< 40 \text{ mg/m}^3$ ]
surface temperature	pass
electrical safety	not applicable
release of dangerous substance	NPD
max. operation pressure	3 bar
flue gas outlet temperature at nominal heat output (log of wood)	215 °C
mechanical resistance (to carry a chimney/flue)	NPD
thermal output / efficiency	pass
nominal heat output	14,9 kW
room heating output	7,9 kW
water heating output	7 kW
efficiency (log of wood)	$\eta$ [82,1 %]

- 8. The performance of the product is in conformity with the declared performance in point 7.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Anna Rokossa  
- Management -

Bissendorf, 01.11.2015

product Ekko W 67(45)51 s/h

fuel	log of wood
<i>emission values at nominal heat output (closed operation)</i>	
exhaust gas mass flow based on nominal heat output	17 g/s
flue gas outlet temperature	215 °C
required discharge pressure at the connecting piece, min. – max.	12-20 Pa
<b>Multiple chimney connections possible with closed fire chambers! Please note the installation and operating instructions! Operate only with buffer storage!</b>	

<b>1. BImSchV Stage 2 (Germany) emission limit values and minimum efficiency level</b>		
report	DBI F 11/12/0182	
notified laboratory	DBI-Gastechnologisches Institut gGmbH Freiberg D-09599 Freiberg notified body number: 1721	
CO content relative to 13% O <sub>2</sub>	1,25 g/m <sup>3</sup>	✓
dust content relative to 13% O <sub>2</sub>	0,04 g/m <sup>3</sup>	✓
efficiency	75 %	✓

<b>Agreement according to Art. 15a B-VG (Austria) emission limit values and minimum efficiency level</b>		
report	DBI F 11/12/0182	
notified laboratory	DBI-Gastechnologisches Institut gGmbH Freiberg D-09599 Freiberg notified body number: 1721	
CO content relative to 13% O <sub>2</sub>	1100 mg/MJ	✓
dust content relative to 13% O <sub>2</sub>	35 mg/MJ	✓
NOx relative to 13% O <sub>2</sub>	150 mg/MJ	✓
OGC relative to 13% O <sub>2</sub>	50 mg/MJ	✓
efficiency	80 %	✓