

1. Unique identification code of the product-type:

Code 27

SD HAPPY ECO

Roomheaters fired by solid fuel –
(EN 16510-2-1:2022 „Residential solid fuel burning
appliances - Part 2-1: Roomheaters”
Serial № - see the CE marking

2. Type, batch or serial number or any other element allowing
identification of the construction product as required pursuant to
Article 11(4):

3. Intended use or uses of the construction product, in accordance
with the applicable harmonized technical specification, as foreseen
by the manufacturer:

Appliance without hot water boiler, with manual control
of burning, designed to work with a closed door for
heating of domestic premises.

4. Name, registered trade name or registered trade mark and contact
address of the manufacturer as required pursuant to Article 11(5):

„Smederevac” d.o.o.,
„Djure Strugara” 20, 11300 Smederevo, Serbia
E-mail : office@smederevac.com

5. Where applicable, name and contact address of the authorized
representative whose mandate covers the tasks specified in Article
12(2):

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6. System or systems of assessment and verification of constancy of
performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a
construction product covered by a harmonized standard:
The notified laboratory performed the determination of product
type on the basis of type testing under system 3 and issued test report

Kontrol 94 Ltd.

Notified body: NB 1879

Assessment of Performance Report with historical data:

1879-AoP-HD-0027 / 24.10.2025

TEST REPORT: NB 1879-K-02-2024 / 15.02.2024

8. Declared performance:

Harmonized technical specification EN 16510-2-1:2022 and EN 16510-1:2022		
Essential characteristics		Performance
Fire safety		
Reaction to fire		A1
Distance to combustible materials		Minimum distances in mm:
- from the rear wall	(d _R)	400
- from the side wall	(d _S)	500
- from the top	(d _C)	800
- from the front	(d _P)	2000
- in bottom front radiation area	(d _F)	1500
- in side front radiation area	(d _L)	1500
- below the bottom	(d _B)	60 legs and 40 concrete slabs
Risk of burning fuel falling out		Pass
Emission of combustion products at 13% O₂ nominal heat output		
Carbon monoxide emissions (CO)	0,097 %	1208 mg/Nm ³
Nitrogen oxide emissions (NO _x)	99 mg/Nm ³	
Emissions of organic gaseous carbon (OGC)	111 mg/Nm ³	
Particulate matter emissions (PM)	36 mg/Nm ³	
Surface temperature		Pass
Electrical safety		Pass
Clean ability		Pass
Maximum water operating pressure		NPD
Flue gas temperature at nominal heat output		T = 180 °C
Mechanical resistance (to carry a chimney / flue)		NPD
Thermal output		
Nominal heat output	5,7 kW	
Room heating output	5,7 kW	
Water heating output	NPD	
Energy efficiency at nominal heat output		η = 80,9 %

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

24.10.2025.

Smederevo, Serbia

Manager:

