

DECLARATION OF PERFORMANCE INTRA-SM-10-2020

1. Identification code of product-type	DEFRO HOME INTRA SM, INTRA SM BL, INTRA SM BP, INTRA SM BP G, INTRA SM BL G, INTRA SM G, INTRA SM BP MINI, INTRA SM BL MINI, INTRA SM BL MINI G, INTRA SM BP MINI G, INTRA SM T, INTRA SM T G
2. Building product (name, type, series)	Product name: Fireplace DEFRO HOME INTRA SM Serial number: See rating plate
3. Application of building product	Room heater fired with solid fuel in the buildings
4. Name and contact address of the manufacturer	DEFRO Spółka z ograniczoną odpowiedzialnością Sp. k. 00-403 Warszawa, ul. Solec 24/253 Manufacturing plant: 26-067 Strawczyn, Ruda Strawczyńska 103A
5. Name and contact address of authorised representative	Not applicable
6. System for assessment and verification of constancy of performance of building product	System 3
7. Name and identification number of notified body participating in the assessment of the constancy of performance of the building product	The Oil and Gas Institute - National Research Institute, Notified Body no. 1450, has made an assessment of performance based on the tests in system 3 and had issued a test reports no. 361/18-LG and 37/20-LG.

DECLARED PERFORMANCE		
Essential characteristics	Performance	Technical specification
CO emission in combustion products	0.08 % (13% O ₂) 950 mg/m ³ (13% O ₂)	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
OGC emission in combustion products	77 mg/m ³	Commission Regulation (EU) 2015/1185
NOx emission in combustion products	126 mg/m ³	Commission Regulation (EU) 2015/1185
PM emission in combustion products	27 mg/m ³	Commission Regulation (EU) 2015/1185
Temperature of external surfaces	4.2, 4.13, 5.2, 5.3, 5.6, 5.10	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Electric safety	5.9	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Max. permissible work pressure	not applicable	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Mechanical strength	no leaks and permanent deformations	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Flue gases temperature	267 °C	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Thermal power/Energy efficiency	10,7 kW / 80.1%	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
INTRAr fuel	hard wood fuel	operating manual

Performance of the product specified in point 1 and 2 are in compliance with the performance declared in point 8.


DECLARED PERFORMANCE

This declaration of performance has been issued on the sole responsibility of the manufacturer specified in point 4.

Signed for and on behalf of the manufacturer by:

Robert Dziubeła – CEO

(name and position)



(signature)

Warszawa, dn. 15.10.2020 r.

(place and date of issue)