

DECLARATION OF PERFORMANCE

N° 015 DOP 2013-07-01 DPC4

1.	Unique identification code of the product-type: Multi Wall Metal System Chimney EN 1856-1:2009						
2.	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of Regulation (EU) N° 305/2011: "DPC 4" Double Wall Series (inner wall 1.4404 - outer wall 1.4301 - ventilated air gap) <table><tr><td>Designation 1</td><td>T200 P1 W V2 L50040 O20</td><td>for inner diameters DN 100 ÷ 200 mm</td></tr><tr><td>Designation 1</td><td>T200 P1 W V2 L50050 O20</td><td>for inner diameters DN 100 ÷ 300 mm</td></tr></table>	Designation 1	T200 P1 W V2 L50040 O20	for inner diameters DN 100 ÷ 200 mm	Designation 1	T200 P1 W V2 L50050 O20	for inner diameters DN 100 ÷ 300 mm
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3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Convey the products of combustion from heating appliances to the outside atmosphere						
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of Regulation (EU) N° 305/2011: ROCCEGGIANI Spa Via 1° Maggio, 10 60021 CAMERANO (AN) - Italy Tel: +39 (0)71 7300023 Fax: +39 (0)71 7304005 Email: info@roccheggiani.it						
5.	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of Regulation (EU) N° 305/2011: Not applicable						
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of Regulation (EU) N° 305/2011: System 2+ (for metal system chimney products) System 4 (for terminals)						
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard: The notified factory production control certification body TÜV SÜD Industrie Service GmbH (N° 0036) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and approval of factory production control and issued the following certificates of conformity of the factory production control: - Certificate 0036 CPR 9811 014 for Designation 1						
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: Not applicable						

9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Compressive strength (of chimney section)	<p>Designation 1:</p> <p>Diameter DN 100/150 mm : up to 30 m Diameter DN 120/180 mm : up to 29 m Diameter DN 130/200 mm : up to 28 m Diameter DN 140/250 mm : up to 25 m Diameter DN 150/230 mm : up to 24 m Diameter DN 160/300 mm : up to 21 m Diameter DN 180/250 mm : up to 22 m Diameter DN 180/350 mm : up to 18 m Diameter DN 200/400 mm : up to 18 m Diameter DN 220/400 mm : up to 18 m Diameter DN 230/350 mm : up to 19 m Diameter DN 250/450 mm : up to 14 m Diameter DN 250/500 mm : up to 13 m Diameter DN 280/500 mm : up to 13 m Diameter DN 300/550 mm : up to 12 m</p> <p>For further information of compressive strength on chimney sections, fittings and supports see the installation instructions</p>	EN 1856-1:2009
Resistance to fire	<p>Designation 1:</p> <p>Inner diameters DN 100 ÷ 300 mm : T200 - O20 - Tested without enclosure and with ventilated floors</p>	
Gas tightness/leakage	<p>Designation 1:</p> <p>Inner diameters DN 100 ÷ 300 mm : P1</p>	
Flow resistance of chimney sections, fittings and terminals	According to EN 13384-1	
Thermal resistance	<p>Designation 1:</p> <p>Inner diameters DN 100 ÷ 300 mm : 0 m²K/W</p>	
Thermal shock resistance:		
- sootfire resistance	<p>Designation 1:</p> <p>Inner diameters DN 100 ÷ 300 mm : No (because designated O)</p>	
- thermal performance under normal operating conditions	<p>Designation 1:</p> <p>Inner diameters DN 100 ÷ 300 mm : T200</p>	
Flexural tensile strength:		
- tensile strength (only for means of connection for chimney sections and fittings)	NPD (No Performance Determined)	
- non vertical installation	NPD (No Performance Determined)	
- components subject to wind load	<p>Designation 1:</p> <p>Inner diameters DN 100 ÷ 180 mm : - free standing height 1,5 m above last support - maximum spacing between lateral supports 2,5 m Inner diameters DN 200 ÷ 300 mm : - NPD (No Performance Determined)</p>	
Durability:		
- water vapour diffusion resistance	Designation 1 (Inner diameters DN 100 ÷ 300 mm): Yes	
- condensate penetration resistance	Designation 1 (Inner diameters DN 100 ÷ 300 mm): Yes	
- against corrosion	Designation 1 (Inner diameters DN 100 ÷ 300 mm): V2	
- freeze thaw resistance	Designation 1: Yes	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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:

Roccheggiani Marco, CEO

Camerano, 01-10-2019

