

DECLARATION OF PERFORMANCE

N° 066 DOP 2013-07-01 TDX

1. Unique identification code of the product-type:
Metal Flexible Flue Liners
EN 1856-2:2009
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:
"TDX" Metal Flexible Flue Liner
 Designation 1 **T600 N1 W V2 L50010 G** for diameters DN 80 ÷ 350 mm
 Designation 1 **T600 N1 W V2 L50012 G** for diameters DN 80 ÷ 350 mm
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:
ROCCHEGGIANI 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+
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 CPD 9811 012 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 tee element and support	Designation 1 (Diameters DN 80 ÷ 350 mm): Diameter DN 80 mm : up to 138 m Diameter DN 100 mm : up to 129 m Diameter DN 110 mm : up to 122 m Diameter DN 120 mm : up to 119 m Diameter DN 125 mm : up to 114 m Diameter DN 130 mm : up to 105 m Diameter DN 140 mm : up to 98 m Diameter DN 150 mm : up to 92 m Diameter DN 160 mm : up to 86 m Diameter DN 180 mm : up to 77 m Diameter DN 200 mm : up to 71 m Diameter DN 220 mm : up to 63 m Diameter DN 230 mm : up to 61 m Diameter DN 250 mm : up to 53 m Diameter DN 280 mm : up to 49 m Diameter DN 300 mm : up to 45 m Diameter DN 350 mm : up to 38 m	EN 1856-2:2009

Essential characteristics	Performance	Harmonized technical specification
Tensile strength	Designation 1 (Diameters DN 80 ÷ 350 mm): Diameter DN 80 mm : up to 30 m Diameter DN 100 mm : up to 30 m Diameter DN 110 mm : up to 30 m Diameter DN 120 mm : up to 20 m Diameter DN 125 mm : up to 20 m Diameter DN 130 mm : up to 20 m Diameter DN 140 mm : up to 20 m Diameter DN 150 mm : up to 20 m Diameter DN 160 mm : up to 20 m Diameter DN 180 mm : up to 20 m Diameter DN 200 mm : up to 20 m Diameter DN 220 mm : up to 20 m Diameter DN 230 mm : up to 20 m Diameter DN 250 mm : up to 20 m Diameter DN 280 mm : up to 20 m Diameter DN 300 mm : up to 20 m Diameter DN 350 mm : up to 20 m	EN 1856-2:2009
Crushing resistance	Designation 1 (Diameters DN 80 ÷ 350 mm): Passed	
Flexibility	Designation 1 (Diameters DN 80 ÷ 350 mm): Maximum angle for installation 45°	
Torsion strength	Designation 1 (Diameters DN 80 ÷ 350 mm): Passed	
Pulling force	Designation 1 (Diameters DN 80 ÷ 350 mm): Passed	
Resistance to fire	Designation 1 (Diameters DN 80 ÷ 350 mm): T600 - G	
Gas tightness/leakage	Designation 1 (Diameters DN 80 ÷ 350 mm): N1	
Flow resistance of chimney sections and fittings	According to EN 13384-1	
Thermal shock resistance:		
- sootfire resistance	Designation 1 (Diameters DN 80 ÷ 350 mm): Yes	
- thermal performance under normal operating conditions	Designation 1 (Diameters DN 80 ÷ 350 mm): T600	
Durability:		
- water vapour diffusion resistance	Designation 1 (Diameters DN 80 ÷ 350 mm): Yes	
- condensate penetration resistance	Designation 1 (Diameters DN 80 ÷ 350 mm): Yes	
- against corrosion	Designation 1 (Diameters DN 80 ÷ 350 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, General Manager

Camerano, 01-07-2013

