

# Declaration of Performance



No. 91323 027 DoP 2015-02-23 · Declaration of Performance (DoP)

1. Unique identification code of the product-type:

**Rigid, multi-wall connecting pipe type TEC-PROTECT according to 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):

**Rigid, double wall connecting pipe type TEC-PROTECT with 15 mm heat insulation<sup>1)</sup>**

**Model 1                      DN (80- 200)      T450 – N1 – D – V3 – L50060 – G200 M<sup>3)</sup>**

<sup>1)</sup> Manufacturer product identification connecting pipe

<sup>2)</sup> Not Measured (NM) means 3 times the Nominal Diameter with a minimum of 375 mm

<sup>3)</sup> Measured (M)

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 chimney**

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

**TECNOVIS GmbH  
Lessingstr. 20  
DE-63110 Rodgau**

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

**Not applicable**

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

**System 2+**

7. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Notified factory production control certification body no. 0036 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity 0036 CPR 91323 027 of the factory production control.**

## 8. Declared performance:



	ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
8.1	Compressive strength	Model 1 DN (80- 200): <b>n.p.d.</b>	EN 1856-2:2009
8.2	Tensile strength	Model 1 DN (80- 200): <b>n.p.d.</b>	
8.3	Non vertical installation	Model 1: <b>Horizontal n.p.d. between supports</b>	
8.4	Resistance to fire	Model 1 DN (80- 200): <b>G200 M</b>	EN 1856-2:2009
8.5	Gas tightness/ leakage	Model 1: <b>N1</b>	EN 1856-2:2009
8.6	Flow resistance of chimney sections and fittings	According to EN 13384-1	EN 1856-2:2009
8.7	Sootfire resistance	Model 1 DN (80- 200): <b>Yes<sup>2)</sup></b> <sup>2)</sup> because designated G	EN 1856-2:2009
8.8	Thermal performance under normal operating conditions	Model 1: <b>T450*</b> *(Heating strain at nominal operating temperature)	
8.9	Durability: Water and vapour diffusion resistance	Model 1 DN (80- 200): <b>No</b>	EN 1856-2:2009
8.10	Condensate penetration resistance	Model 1 DN (80- 200): <b>No</b>	
8.11	Against corrosion	Model 1 DN (80- 200): <b>V3</b>	
8.12	Freeze thaw resistance	Model 1 DN (80- 200): <b>Yes</b>	

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:

Rodgau, 23<sup>rd</sup> February 2015

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Attila Kovacs CEO

# Product information



"Chimneys - Requirements for metal chimneys - Part 2:  
Metal flue liners and connecting flue pipes" DIN EN 1856-2:2009

Manufacturer's identification: **TECNOVIS GmbH**  
**Lessingstr. 20**  
**DE-63110 Rodgau**

Product trade name: **TEC-PROTECT** (rigid, double wall connection with 15 mm insulation)

Certification office: TÜV SÜD Industrie Service GmbH

Name and position of the responsible person: Attila Kovacs CEO

Identification of accompanying documentation

<b>Rigid double wall connection</b>	<b>EN 1856-2</b>	<b>T450</b>	<b>N1</b>	<b>D</b>	<b>V3-L50060</b>	<b>G200 M</b>	<b>80-200</b>	Rigid double wall flue liner and elements with 15 mm insulation of SS as coupling, sootfire resistant connection. Operation mode in negative pressure.
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Product description	
Standard number	EN 1856-2
Temperature level	T450
Pressure level	N1
Condensate resistance (W: wet / D: dry)	D
Corrosion resistance	V3-L50060
Flue liner material specification	G200 M
Sootfire resistance (G: yes / O: no) and distance to combustible material (in mm) <b>without radiation protection</b>	80-200
Nominal diameter (∅) (inner tube) in mm	

Rigid multi-wall connection of metal

**Compressive strength:**

n.p.d.

**Flexural strength:**

n.p.d.

**Flow resistance:**

Average roughness: 1.0 mm,  
Zeta-values according to DIN EN 13384-1

**Thermal resistance:**

>0.175 m<sup>2</sup>K/W

**Sootfire resistance:**

Yes

**Freeze-thaw resistance:**

Yes

**Cleaning:**

The chimney system is only allowed to be cleaned with cleaning devices made of plastic or rust-resistant stainless steel.