

Declaration of Performance



No. 91323 030 DoP 2015-02-23 · Declaration of Performance (DoP)

1. Unique identification code of the product-type:
Multi-wall chimney system with ceramic flue liner type TEC-KERAMIK dry according to EN 13063-1
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
Three-wall chimney system type TEC-KERAMIK dry with ceramic flue liner and 32 mm heat insulation¹⁾
Model 1 DN (120- 200) T400 – N1 – D – 3 – G50
¹⁾ Manufacturer product identification
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Multi-wall chimney system for dry operation for the evacuation of exhaust gases from heating appliances to the outside
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 authorized 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+ and System 4
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 030 of the factory production control.

8. Declared Performance:



	ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
8.1	Compressive strength Chimney sections, fittings and supports	<u>Sections and fittings:</u> Model 1 DN (120- 200): up to 30 m For further information see the installation instruction TEC-KERAMIK dry	EN 13063-1
8.2	Installation type	Three-wall chimney system for installation on facades or in buildings acc. the national fire safety regulations (L90) (for example installation in duct).	EN 13063-1
8.3	Gas tightness/leakage	Model 1 DN (120- 200): N1	EN 13063-1
8.4	Flow resistance of chimney sections, fittings and terminals	Model 1 DN (120- 200): 1.5 mm Zeta-value according to EN 13384-1 see certification	EN 13063-1
8.5	Thermal resistance	Model 1 DN (120- 200): 0.322 m²K/W	EN 13063-1
8.6	Thermal shock resistance Sootfire resistance	Model 1 DN (120- 200): Yes ²⁾ ²⁾ Because designated G	EN 13063-1
8.7	Thermal performance under normal operating conditions	Model 1 DN (120- 200): T400	
8.8	Non vertical installation	Model 1 DN (120- 200): Maximum offset between supports: (inclined run: maximum offset with elbows 30°)	EN 13063-1
8.9	Components subject to wind load	Model 1 DN (120- 200): Free standing height 3 m above last support. Maximum spacing between lateral supports at vertical installation: 4 m	EN 13063-1
8.10	Dangerous substances	Model 1 DN (120- 200): No	EN 13063-1
8.11	Manufacture	Acid compound NISOTT 2010 or other compounds from the manufacturer Osmose, Staudt.	EN 13063-1
8.12	Durability: Abrasion resistance	Model 1 DN (120- 200): ≤0.03 kg/m²	EN 13063-1
8.13	Compared with acid/corrosion resistance	Model 1 DN (120- 200): ≤ 2%	
8.14	Freeze thaw resistance	Model 1 DN (120- 200): Yes	
8.15	Application	Use of chimney systems in vertical construction for domestic fireplaces with gaseous (1), fluid (2) or solids (3) fuels.	EN 13063-1

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, 23rd February 2015

A handwritten signature in blue ink, appearing to read "Attila Kovacs", written over a horizontal dotted line. The signature is stylized and cursive.

Attila Kovacs CEO

Product information



“Chimneys - System chimneys with clay/ceramic flue liners - Part 1:
Requirements and test methods for sootfire resistance” EN 13063-1:2005+A1:2007

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

Product trade name: **TEC-KERAMIK dry**

Certification office: **TÜV SÜD Industrie Service GmbH**

Name and position of the responsible person: **Attila Kovacs CEO**

Identification of accompanying documentation

TEC-KERAMIK **System** **EN** **T400** **N1** **D 3** **G50**
dry **chimney** **13063-1**

Three wall chimney system, sootfire resistant, flue inner liner of ceramic, 32 mm heat insulation, outer wall of SS. Ventilated throughout the whole length, without covering. Locking band necessary. Operation mode in negative pressure.

Product description	
Standard number	
Temperature level	
Pressure level	
Condensate resistance (W: wet or D: dry)	
Corrosion resistance (durability against corrosion)	
Sootfire resistant (G: yes / O: no)	
Distance to combustible material (in mm)	

EN 13063- Part 1

Requirements for multi-wall system chimneys with ceramic liners

Compressive strength:

Maximum load ≤ 30 m, see installing instructions

Flow resistance:

Average roughness: 1.5 mm, Zeta values acc. EN 13384-1

Thermal resistance in stack: ≥ 0.322 m²K/W

Wind load: free standing end above last fixation: 3 m

Maximum distance between vertical supports: 4 m

Freeze-thaw resistance: Yes

Declaration of Performance



No. 91323 031 DoP 2015-02-23 · Declaration of Performance (DoP)

1. Unique identification code of the product-type:
Multi-wall chimney system with ceramic flue liner type TEC-KERAMIK wet according to EN 13063-2

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
Three-wall chimney system type TEC-KERAMIK wet with ceramic flue liner and 32 mm heat insulation ¹⁾
Model 1 DN (120- 200) T400 – N1 – W – 2 – O20
¹⁾ Manufacturer product identification

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Multi-wall chimney system for wet operation for the evacuation of exhaust gases from heating appliances to the outside

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 authorized 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+ and System 4

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 031 of the factory production control

8. Declared Performance:



	ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
8.1	Compressive strength Chimney sections, fittings and supports	<u>Sections and fittings:</u> Model 1 DN (120- 200): up to 30 m For further information see the installation instruction TEC-KERAMIK wet	EN 13063-2
8.2	Installation type	Three-wall chimney system for installation on facades or in buildings acc. the national fire safety regulations (L90) (for example installation in duct).	EN 13063-2
8.3	Gas tightness/leakage	Model 1 DN (120- 200): N1	EN 13063-2
8.4	Flow resistance of chimney sections, fittings and terminals	Model 1 DN (120- 200): 1.5 mm Zeta-value according to EN 13384-1 see certification	EN 13063-2
8.5	Thermal resistance	Model 1 DN (120- 200): 0.322 m²K/W	EN 13063-2
8.6	Thermal shock resistance Sootfire resistance	Model 1 DN (120- 200): No ²⁾ ²⁾ Because designated O	EN 13063-2
8.7	Thermal performance under normal operating conditions	Model 1 DN (120- 200): T400	
8.8	Non vertical installation	Model 1 DN (120- 200): Maximum offset between supports: (inclined run: maximum offset with elbows 30°)	EN 13063-2
8.9	Components subject to wind load	Model 1 DN (120- 200): Free standing height 3 m above last support. Maximum spacing between lateral supports at vertical installation: 4 m	EN 13063-2
8.10	Dangerous substances	Model 1 DN (120- 200): No	EN 13063-2
8.11	Manufacture	Acid compound NISOTT 2010 or other compounds from the manufacturer Osrose, Staudt.	EN 13063-2
8.12	Durability: Abrasion resistance	Model 1 DN (120- 200): ≤0.03 kg/m²	EN 13063-2
8.13	Compared with acid/corrosion resistance	Model 1 DN (120- 200): ≤ 2%	
8.14	Freeze thaw resistance	Model 1 DN (120- 200): Yes	
8.15	Application	Use of chimney systems in vertical construction for domestic fireplaces with gaseous (1) or fluid (2) fuels.	EN 13063-2

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, 23rd February 2015

A handwritten signature in blue ink, appearing to read 'Attila Kovacs', written over a horizontal dotted line. The signature is fluid and cursive.

Attila Kovacs CEO

Product information



"Chimneys - System chimneys with clay/ceramic flue liners - Part 2: Requirements and test methods under wet conditions" EN 13063-2:2005+A1:2007

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

Product trade name: **TEC-KERAMIK wet**

Certification office: TÜV Industrie Service GmbH

Name and position of the responsible person: Attila Kovacs CEO

Identification of accompanying documentation

TEC-KERAMIK wet **System** **EN 13063-2** **T400** **N1** **W** **2** **O20**
chimney

Three wall chimney system, moisture resistant, flue inner liner of ceramic, 32 mm heat insulation, outer wall of SS. Ventilated throughout the whole length, without covering. Locking band necessary. Operation mode in negative pressure.

Product description	
Standard number	EN 13063-2
Temperature level	T400
Pressure level	N1
Condensate resistance (W: wet or D: dry)	W
Corrosion resistance (durability against corrosion)	2
Sootfire resistant (G: yes / O: no)	O
Distance to combustible material (in mm)	20

EN 13063- Part 2

Requirements for multi-wall system chimneys
with ceramic liners

Compressive strength:

Maximum load ≤ 30 m, see installing instructions

Flow resistance:

Average roughness: 1.5 mm,
Zeta values acc. EN 13384-1

Thermal resistance in stack:

≥ 0.322 m²K/W

Wind load: free standing end above last fixation:

3 m

Maximum distance between vertical supports:

4 m

Freeze-thaw resistance:

Yes