

## EC DECLARATION OF PERFORMANCE

According to EU 305/2011, Annex 5  
(Performans Beyanı EU 305/2011, Ek 5' e göre)

### 1. Identification Code Of

#### The Product Type:

Ürün Tipi kimlik Kodu:

RTK

RTK

### 2. Type, Batch Or Serial Number Or Any Other Element Allowing Identification Of The Construction Product:

Yapı malzemesinin tip, parti veya  
seri numarası ya da tanımlanmasını  
sağlayacak diğer unsurlar:

T400 – N1 – W – V<sub>2</sub> – L50(040-300) – O250 (DN80-300)  
T400 – N1 – W – V<sub>2</sub> – L50(050-300) – O375 (DN301-450)  
T400 – N1 – W – V<sub>2</sub> – L50(050-300) – O500 (DN451-500)  
T400 – N1 – W – V<sub>2</sub> – L50(060-300) – O500 (DN501-600)  
T400 – N1 – W – V<sub>2</sub> – L50(080-300) – O1000 (DN601-800)  
T400 – N1 – W – V<sub>2</sub> – L50(090-300) – O1000 (DN801-1000)  
T400 – N1 – W – V<sub>2</sub> – L50(100-300) – O1000 (DN1001-1200)  
T400 – N1 – D – V<sub>2</sub> – L50(040-300) – G250 (DN80-300)  
T400 – N1 – D – V<sub>2</sub> – L50(050-300) – G375 (DN301-450)  
T400 – N1 – D – V<sub>2</sub> – L50(050-300) – G500 (DN451-500)  
T400 – N1 – D – V<sub>2</sub> – L50(060-300) – G500 (DN501-600)  
T400 – N1 – D – V<sub>2</sub> – L50(080-300) – G1000 (DN601-800)  
T400 – N1 – D – V<sub>2</sub> – L50(090-300) – G1000 (DN801-1000)  
T400 – N1 – D – V<sub>2</sub> – L50(100-300) – G1000 (DN1001-1200)

Temperature level  
(Sıcaklık sınıfı)

Pressure level  
(Basınç sınıfı)

Condensate resistance  
(Yoğuşma ürün direnci)

Corrosion resistance class  
(Korozyon direnci)

Flue liner specification  
(İç cidar özellikleri)

Soot fire resistance  
and combustible material  
(Kurum yangınına direnç  
ve yanıcı maddelere uzaklık)

### 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Yapı malzemesinin ilgili  
uyumlaştırılmış teknik şartnamesine  
göre imalatçı tarafından öngörülen  
kullanım amacı veya amaçları

Single wall stainless steel chimney products  
Tek Cidarlı Paslanmaz Çelik Baca Sistemi

### 4. Name and address of the manufacturer:

Üretici Adı ve Adresi

Rotek Enerji ve Baca Sistemleri San. Tic. Ltd. Şti.  
Necip Fazıl Mahallesi Düzce Sokak No: 51/1  
Sultanbeyli/İstanbul



**5.Name and address of the authorized representative:**

*Yetkili Kiři Adı ve Adresi*

**6.System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex 5:**

*Yapı malzemesinin performansının deęişmezlięinin deęerlendirilmesi ve doęrulanması sistem veya sistemleri: (Bu Yönetmelik Ek V de belirtilen.):*

System 2+, System 3  
Sistem 2+, Sistem 3

**7.In case of the declaration of performance concerning a construction product covered by a harmonised standard**

*Uyumlaştırılmış bir standart kapsamında olan bir yapı malzemesine ilişkin performans beyanında:*

TZUS s.p.-NB 1020 performed Factory Production Control (FPC) under system 2+ and issued certificate of conformity of the factory production control 1020-CPD-070044185  
PAVUS s.p.- NB 1391 performed Initial Type Test(ITT) under system 3 and issued test/calculation report No:PR-08-3.020-En

*1020Nolu AB Onaylı Kuruluşu TZUS tarafından Sistem 2+ kapsamında Fabrika Üretim Kontrol (FÜK) denetimi uygulanarak 1020-CPD-070044185 no.lu performansın deęişmezlięi belgesi düzenlenmiştir. 1391 nolu AB Onaylı Kuruluşu PAVUS tarafından Sistem 3 kapsamında İlk Tip Testleri uygulanarak PR-08-3.020-En no.lu test raporu düzenlenmiştir.*



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### 8. Declared Performance

*Performans Beyanı*

Characteristics and prestations to EN 1856-1 Par.xx	Results/Class	Document	Performance	Harmonized Technical Specification
Nominal dimensions (mm) <i>Par. 4 and 5</i>	80,100,120,140, 160,180,200,225, 250,280,300,350,400, 450,500,550,600,650,700,750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200 mm	Manufactures declaration	Annex:1 Dimensions and tolerances table	EN 1856-1
Material inner liner (Nominal Thickness) <i>Par. 4 and 5 Par 6.7.2</i>	L50(040-300)  Minimum Nominal Thickness :  Ø80 – Ø300mm : 0,40 mm Ø350 – Ø500mm : 0,50 mm Ø550 – Ø600mm : 0,60 mm Ø650 – Ø800mm : 0,80 mm Ø850 – Ø1000mm : 0,90 mm Ø 1050 – Ø1200mm : 1,00 mm  AISI 316L stainless steel (1.4404)	Manufactures declaration	Annex:1 Dimensions and tolerances table	
Mechanical resistance and stability <i>Par. 6.2 (EN 1859)</i>				
Compressive strength <i>Par 6.2.1 (EN 1859)</i>	Vertical Installation Heights and Distances Annex : 2	Test report	Pass	EN 1856-1
Tensile strength <i>Par 6.2.2 (EN 1859)</i>	Vertical Installation Heights and Distances Annex : 2	Test report	Pass	
Wind load <i>Par 6.2.3.2 (EN 1859)</i>	Vertical Installation Heights and Distances Annex : 2	Test report	Pass	
Non vertical installation				
Maximum deflection <i>Par 6.2.3.1 (EN 1859)</i>	30°	Test report	Pass	EN 1856-1
Maximum length of the slope <i>Par 6.2.3.1 (EN 1859)</i>	3 m	Test report	Pass	



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Characteristics and prestations to EN 1856-1 <i>Par.xx</i>	Results/Class	Document	Performance	Harmonized Technical Specification	
Gas tightness <i>Par 6.5 (EN 1859)</i>	Pressure class N1	Test report of Pavus	Pass	EN 1856-1	
Distance of combustible materials and soot fire resistance <i>Par 6.3 and 6.4 (EN 1859)</i>	<p><b>DN80-300mm;</b> O(250) and G(250) x=250mm back ventilated at the whole length In shaft that is non combustible enclosure material (brick min. 115mm or concrete min. 100mm)</p> <p><b>DN301-450mm;</b> O(375) and G(375) x=375mm back ventilated at the whole length In shaft that is non combustible enclosure material (brick min. 115mm or concrete min. 100mm)</p> <p><b>DN451-600mm;</b> O(500) and G(500) x=500mm back ventilated at the whole length In shaft that is non combustible enclosure material (brick min. 115mm or concrete min. 100mm)</p> <p><b>DN601-1200mm;</b> O(1000) and G(1000) x=1000mm back ventilated at the whole length In shaft that is non combustible enclosure material (brick min. 115mm or concrete min. 100mm)</p>	Test report of Pavus	Pass		
Accidental human contact <i>Par 6.6.2 (EN 1859)</i>	T400 : Protection in public areas	Test report of Pavus	Pass		
Thermal resistance <i>Par 6.6.3 (EN 1859)</i>	Annex 4: Thermal resistances	Manufactures declaration	Pass		
Water vapour diffusion resistance <i>Par 6.6.4 (EN 1859)</i>	NPD	Manufactures declaration			
Condensate resistance <i>Par 6.6.5 (EN 1859)</i>	Both D (dry) and W (wet)	Test report of Pavus	Pass		
Resistance against rainwater penetration <i>Par 6.6.6 (EN 1859)</i>	NPD	Test Report of Tse with approval			
<b>Flow resistance:</b>					
Mean value of roughness <i>Par 6.6.7.1</i>	To EN 13384-1 R=1mm (Table B.8)	Normative data			EN 1856-1
Resistance of chimney fittings <i>Par 6.6.7.2</i>	To EN 13384-1, (Table B.8)	Normative data			
Corrosion resistance <i>Par 6.7.1 (EN1856-1)</i>	V <sub>2</sub> for D, V <sub>2</sub> for W	Test report of TÜV	Pass		
Freeze-thaw resistance <i>Par 6.7.3 (EN1856-1)</i>	Fulfilled according to 1856-1	EN 1856 1			



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Characteristics and prestations to EN 1856-1 <i>Par.xx</i>	Results/Class	Document	Additional information
Typical installation drawings		Manufactures declaration	Annex 5: Installation Instruction
Method of installing sections or fittings, included supports and accessories		Manufactures declaration	Annex 5: Installation Instruction
Direction of flow		Manufactures declaration	Annex 5: Installation Instruction
Minimum distance from the chimney outer surface of the enclosure		Manufactures declaration	Annex 5: Installation Instruction
Positing of clean-out and inspection openings		Manufactures declaration	Annex 5: Installation Instruction
Method of application of any required sealant		Manufactures declaration	Annex 5: Installation Instruction
Cleaning methods or instruments		Manufactures declaration	Annex 5: Installation Instruction
Storage instructions		Manufactures declaration	Annex 5: Installation Instruction

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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.

*Bu ekin 1 inci ve 2 nci maddelerinde tanımlanan malzemenin performansı, bu ekin 8 inci maddesinde beyan edilen performansa uygundur. Bu performans beyanı sadece bu ekin 4 üncü maddesinde tanımlanan imalâtçının sorumluluğunda olmak üzere hazırlanmıştır.*

**Signed for and on behalf of the manufacturer by**

*İmalatçı adına imzalayan*

**Name And Function**

: Ergün GÖK  
General Maneger

Oğuz ALTIPARMAK  
Technical Coordinator

*İsmi ve Görevi*


**Place And Date Of Issue**

: Istanbul-TURKEY / 29.05.2014

*Düzenlenen Yer ve Tarih*

**Signature :**

*İmza*



Ergün GÖK



Oğuz ALTIPARMAK