

**DECLARATION OF
PERFORMANCE Nr. DoP 91376-V03**

1) Unique identification code of the product-type:

System chimneys with plastic flue liner
DIN EN 14471:2013+A1:2015

2) Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11, paragraph 4:

System:

System 0.1:	T120 H1/P1 O W 2 O20 LI E U	PP-chimney, single wall, without outer lining, blue/black
System 0.2:	T120 H1/P1 O W 2 O00 LE E U0	PP-chimney, single wall, inside shaft, blue/black
System 0.3:	T120 H1/P1 O W 2 O00 LE E U0	PP-chimney, single wall flexible, inside shaft, blue/black
System 0.4:	T120 H1/P1 O W 2 O00 LE E U0	PP-chimney, concentric outer pipe metal
System 0.5:	T120 H1/P1 O W 2 O00 LI E U1	PP-chimney, concentric, outer pipe plastic

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

**Transport of convey air for combustion, and the products of combustion from
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 paragraph 5:

Skoberne Schornsteinsysteme GmbH
Ostendstraße 1
64319 Pfungstadt
Tel. +49(0)6157 8070-0
Fax: +49(0)6157 8070-70

5) If applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 paragraph 2:

Not relevant.

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

System 2+, System 3, System 4

7) In case of the declaration of performance concerning a construction product covered by a harmonized standard:

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 of the factory production control.

8) Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength (maximum height)	Rigid pipe: 50 m Flexible pipe: 25 m	EN 14471:2013+A1:2015
Resistance to wind load (free standing height above last support)	1,0 m für system 0.4, 0.5 0,5 m für system 0.1, 0.2	EN 14471:2013+A1:2015
Fire resistance (class)	0 (according to the standard)	EN 14471:2013+A1:2015
Gas tightness (pressure class)	H1 (5000 Pa) P1 (200 Pa)	EN 14471:2013+A1:2015
Thermal performance (temperature class)	T120	EN 14471:2013+A1:2015
Dimensions in mm	rigid pipe inner diameter D 60 56,4 D 80 76,0 D110 104,6 flexible pipe DN 60 50,2 DN 80 77,0 DN110 101,0	EN 14471:2013+A1:2015
Thermal resistance in m ² K/W	R00	EN 14471:2013+A1:2015
Flow resistance of chimney sections (<i>r</i> = mean value of roughness of the inner wall)	rigid pipe: 0,5 mm flexible pipe: 1,0 mm	EN 14471:2013+A1:2015
Flow resistance of chimney fittings (ζ = coefficient of flow resistance)	according to EN 13384-1	EN 14471:2013+A1:2015
Flexural tensile strength (real length of the lateral displacement)	1,5 m	EN 14471:2013+A1:2015
Flexural tensile strength (maximum inclination)	rigid pipe: 87° flexible pipe: 45°	EN 14471:2013+A1:2015
Durability against chemicals (condensate resistance class)	W (condensing operation)	EN 14471:2013+A1:2015
Durability against chemicals (corrosion resistance class)	2 (gas, oil: sulphur-content \leq 0,2 mass %)	EN 14471:2013+A1:2015
Durability against UV (location class)	LI for system 0.1, 0.5 (Internal installation) LE für System 0.2 - 0.4 (internal and external installation)	EN 14471:2013+A1:2015
Reaction to fire (class)	E (poor fire reaction properties)	EN 13501-1
Durability against freeze thaw changeover	yes	EN 14471:2013+A1:2015
Dangerous substances	Declared substances	Relevant national regulation
Other characteristics	Performance	Technical installation
Characteristics of wind direction of extensions	roof terminal: type III A30 shaft cover: type III A30	EN 14471:2013+A1:2015
Durability of extensions against ingress of rainwater	roof terminal: proven shaft cover: npd	EN 14471:2013+A1:2015
Durability of extensions against icing	proven	EN 14471:2013+A1:2015

9) The performance of the product according to number 1 und 2 is in accordance to the declared performance of number 8. Sole responsible for the creation of this document of performance is the manufacturer according to number 4.

Undersigned for the manufacturing company and on behalf of the manufacturer:



(Dipl.-Ing. Sven Schuchmann; managing director)

Pfungstadt, 27.07.2021