



Certificate of conformity of the factory production control

0036 CPR 9184 001
Revision 05

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

System chimney with inner liner of rigid and flexible pipes and fittings made of PP models

Without outer shaft, rigid	EN 14471	T120 H1 O W 2 O20 XXX
With outer shaft of PP, rigid	EN 14471	T120 H1 O W 2 O00 XXX
With metallic outer shaft, rigid	EN 14471	T120 H1 O W 2 O00 XXX
With mineral outer shaft, flexible	EN 14471	T120 P1 O W 2 O00 E E L0

for details of classification see page 2

produced by

Skoberne GmbH
Ostendstraße 1
64319 Pfungstadt

in the manufacturing plants

Werk 1	Werk 2	Werk 3	Werk 4	Werk 5
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This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 14 471:2005

under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above.

The determination of the product type on the basis of type testing is documented in the following report: TÜV SÜD Industrie Service GmbH, A 1614-00/06, A 1614-02/09, A 1614-03/09, A 1614-04/09, A 1614-05/10, A 1614-06/10, A 1614-07/10 and A 1614-09/12.

This certificate was first issued on 2007-02-27 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Munich, 2014-10-17

Johannes Steiglechner
Leiter Zertifizierungsstelle Bauprodukte (EG)



System chimney with inner liner of rigid and flexible pipes and fittings made of PP	EN 14 471
Without outer shaft, rigid ≤ DN 250, white, grey	T120 H1 O W 2 O20 I E L
≤ DN 160, black	T120 H1 O W 2 O20 E E L
With outer shaft of PP, rigid ≤ DN 80, white	T120 H1 O W 2 O00 I E L1
With metallic outer shaft, rigid ≤ DN 250, white, grey, black	T120 H1 O W 2O00 E E L0
With mineral outer shaft, flexible DN 60, DN 80, DN 110	T120 H1 O W 2 O00 E E L0

DECLARATION OF PERFORMANCE
Nr. 9184-03DoP2013-07-01

1) Unique identification code of the product-type:

System chimneys with plastic flue liners
DIN EN 14471:2013

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

System 0.1:	T120 H1 O W 2 O20 LE E U	(PP-chimney, single wall, black)
System 0.2:	T120 H1 O W 2 O20 LI E U	(PP-chimney, single wall, white)
System 0.3:	T120 H1 O W 2 O20 LI E U	(PP-chimney, single wall, grey)
System 0.4:	T120 H1 O W 2 O00 LE E U0	(PP-chimney, concentric, outer pipe metal)
System 0.5:	T120 H1 O W 2 O00 LE E U1	(PP-chimney, concentric, outer pipe plastic)
System 0.6:	T120 H1 O W 2 O00 LE E U0	(PP-chimney, concentric, outer pipe metal)
System 0.7:	T120 H1 O W 2 O00 LE E U0	(PP-chimney, single wall flexible, white)

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

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(5):

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

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

Not relevant.

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+ und System 3

7) In case of the declaration of performance concerning a construction product covered by a harmonised 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 Characteristic	Performance	Harmonised technical specification																												
Compressive strength (maximum height)	rigid pipe: 50 m (D 60 - D160, D250) 30 m (D200) flexible pipe: 25 m	EN 14471																												
Resistance to wind load (free standing height above last support)	1,0 m for System 0.4, 0.5, 0.6 0,5 m for System 0.1, 0.2, 0.3	EN 14471																												
Fire resistance (class)	0 (according to the standard)	EN 14471																												
Gas tightness (pressure class)	H1 (high positive pressure chimneys up to 5000 Pa)	EN 14471																												
Thermal performance (temperature class)	T120	EN 14471																												
Dimensioning in mm	<table border="0"> <tr> <td>rigid pipe</td> <td>inner diameter</td> </tr> <tr> <td>D 50</td> <td>46,4</td> </tr> <tr> <td>D 60</td> <td>56,4</td> </tr> <tr> <td>D 75</td> <td>71,2</td> </tr> <tr> <td>D 80</td> <td>76,0</td> </tr> <tr> <td>D110</td> <td>104,6</td> </tr> <tr> <td>D125</td> <td>118,8</td> </tr> <tr> <td>D160</td> <td>152,2</td> </tr> <tr> <td>D200</td> <td>190,2</td> </tr> <tr> <td>D250</td> <td>242,0</td> </tr> <tr> <td>flexible pipe</td> <td></td> </tr> <tr> <td>D 60/58</td> <td>50,2</td> </tr> <tr> <td>D 80/88</td> <td>77,0</td> </tr> <tr> <td>D110/113</td> <td>101,0</td> </tr> </table>	rigid pipe	inner diameter	D 50	46,4	D 60	56,4	D 75	71,2	D 80	76,0	D110	104,6	D125	118,8	D160	152,2	D200	190,2	D250	242,0	flexible pipe		D 60/58	50,2	D 80/88	77,0	D110/113	101,0	EN 14471
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D 50	46,4																													
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Thermal resistance in m ² K/W	R00	EN 14471																												
Flow resistance of chimney sections (r = mean value of roughness of the inner wall)	rigid pipe: 0,5 mm flexible pipe: 1,0 mm	EN 14471																												
Flow resistance of chimney fittings (ζ = coefficient of flow resistance)	according to EN 13384-1	EN 14471																												
Flexural tensile strength (real length of the lateral displacement)	1,0 m	EN 14471																												
Flexural tensile strength (maximum inclination)	45°	EN 14471																												
Durability against chemicals (condensate resistance class)	W (dry condensing operation)	EN 14471																												
Durability against chemicals (corrosion resistance class)	2 (Gas, oil: sulphur-content ≤ 0,2 mass %)	EN 14471																												
Durability against UV (location class)	LI for System 0.2, 0.3 (internal installation) LE for System 0.1, 0.4 - 0.7 (internal and external installation)	EN 14471																												
Reaction to fire (class)	E (poor fire reaction properties)	EN 13501-1																												
Freeze thaw resistance	NPD	EN 14471																												
Dangerous substances	Declared substances	Relevant national regulation																												

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:



(Dipl.-Ing. Sven Schuchmann; Managing Director)

Pfungstadt, 26.08.2013