

DECLARATION OF PERFORMANCE
NR KG-NS 120/1/2013

1. Unique identification type code of product:
KG-NS 120
2. Type, lot or batch number or any other element enabling identification of the building product required according to the art.11 par.4:
KG-NS 120/240/length/dd.mm.rrrr
(put on the label with CE mark)
3. Intended application or applications of the building product assumed by manufacturer according to the applicable harmonized technical specification:
Autoclaved cellular concrete headers according to the standard EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005) for load transfer over openings in internal and external bearing and non-bearing masonry walls (finished/ protected).
4. Name, proprietary trade name or trademark and manufacturer's contact address required according to the art.11 par.5:
SOLBET KOLBUSZOWA S.A.
ul. Kolejowa 10, 36-100 Kolbuszowa
5. If appropriate, name and contact address of authorized representative whose authority includes tasks determined in art.12 par.2: **N/A**
6. Assessment and verification system or systems for performance durability of the building product determined in attachment V:
System 3 for all basic characteristics
7. Building product covered by the harmonized standard:
Institute of Ceramics and Building Materials, Concrete Research Center CEBET In Warsaw, ul. Kupiecka 4, 04-042 Warszawa, determined type of the product based on type research No 70A/TB/2012 and No 70B/TB/2012
8. Building product covered by the European Technical Assessment (ETA):
N/A
9. Declared performances:

Basic characteristics		Performance	Harmonized technical specification
Dimensions	Length	1400, 1600, 2000, 2300 [mm]	EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005)
	Width	120 [mm]	
	Height	240 [mm]	
Dimension deviations	Length	± 15 [mm]	
	Width	± 5 [mm]	
	Height	± 5 [mm]	
	Rectilinearity	10 [mm]	
Bending load capacity		25 [kN]	
Maximal design load		26,9 kN/m for length of 1400 mm 13,9 kN/m for length of 1600 mm 16,3 kN/m for length of 2000 mm 13,9 kN/m for length of 2300 mm	
Load deflection		6 mm under load of 20 kN	
Support length		200 mm for length of 1400 and 1600 mm 250 mm for length of 2000 and 2300 mm	
Water absorption		NPD	

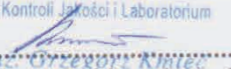
Water vapor permeability (water vapor diffusion coefficient)	5/10	EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005) (tabular value acc. to PN-EN 1745 att. A)
Sound insulating power Mass per cross section unit	113 [kg/m ²]	EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005)
Declared thermal conductivity coefficient (λ_{D10})	0,180 [W/(m·K)]	EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005) (tabular value acc. to PN-EN 1745 att. A)
Fire resistance	R30 (R60 - two beams)	PN-EN 845-2
Anticorrosive durability	Protective reinforcement coating	EN 845-2:2003
Durability(resistance to freezing/ defreezing)	Freezeproof product	(PN-EN 845-2:2004/AP1:2005)
Hazardous components	None	EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005)

10. Product performances determined in points 1 and 2, according to the performances declared in point 9.

This declaration of performance is issued on exclusive responsibility of the manufacturer defined in point 4.

Signed on behalf of manufacturer:

Głogów Mlp. 01.07.2013
(Place and date of issue)

Kierownik Kontroli Jakości
Przedsiębiorstwa
Kierownik Kontroli Jakości i Laboratorium

.....
(name, surname and signature of the authorized person)

DECLARATION OF PERFORMANCE
NR KG-NS 180/1/2013

1. Unique identification type code of product:
KG-NS 180
2. Type, lot or batch number or any other element enabling identification of the building product required according to the art.11 par.4:
KG-NS 180/240/length/dd.mm.rrrr
(put on the label with CE mark)
3. Intended application or applications of the building product assumed by manufacturer according to the applicable harmonized technical specification:
Autoclaved cellular concrete headers according to the standard EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005) for load transfer over openings in internal and external bearing and non-bearing masonry walls (finished/ protected).
4. Name, proprietary trade name or trademark and manufacturer's contact address required according to the art.11 par.5:
SOLBET KOLBUSZOWA S.A.
ul. Kolejowa 10, 36-100 Kolbuszowa
5. If appropriate, name and contact address of authorized representative whose authority includes tasks determined in art.12 par.2: **N/A**
6. Assessment and verification system or systems for performance durability of the building product determined in attachment V:
System 3 for all basic characteristics
7. Building product covered by the harmonized standard:
Institute of Ceramics and Building Materials, Concrete Research Center CEBET In Warsaw, ul. Kupiecka 4, 04-042 Warszawa, determined type of the product based on type research No 70A/TB/2012 and No 70B/TB/2012
8. Building product covered by the European Technical Assessment (ETA):
N/A
9. Declared performances:

Basic characteristics		Performance	Harmonized technical specification
Dimensions	Length	1400, 1600, 2000, 2300 [mm]	EN 845-2:2003 (PN-EN 845-2:2004/AP1:2005)
	Width	180 [mm]	
	Height	240 [mm]	
Dimension deviations	Length	± 15 [mm]	
	Width	± 5 [mm]	
	Height	± 5 [mm]	
	Rectilinearity	10 [mm]	
Bending load capacity		30 [kN]	
Maximal design load		32,2 kN/m for length of 1400 mm 17,0 kN/m for length of 1600 mm 19,8 kN/m for length of 2000 mm 17,0 kN/m for length of 2300 mm	
Load deflection		4 mm under load of 20 kN	
Support length		200 mm for length of 1400 and 1600 mm 250 mm for length of 2000 and 2300 mm	
Water absorption		NPD	

Water vapor permeability (water vapor diffusion coefficient)	5/10	EN 845-2:2003 (PN-EN 845-2:2004/API:2005) (tabular value acc. to PN-EN 1745 att. A)
Sound insulating power Mass per cross section unit	162 [kg/m ²]	EN 845-2:2003 (PN-EN 845-2:2004/API:2005)
Declared thermal conductivity coefficient (λ_{D10})	0,180 [W/(m·K)]	EN 845-2:2003 (PN-EN 845-2:2004/API:2005) (tabular value acc. to PN-EN 1745 att. A)
Fire resistance	R30 (R60 - two beams)	PN-EN 845-2
Anticorrosive durability	Protective reinforcement coating	EN 845-2:2003
Durability(resistance to freezing/defreezing)	Freezeproof product	(PN-EN 845-2:2004/API:2005)
Hazardous components	None	EN 845-2:2003 (PN-EN 845-2:2004/API:2005)

10. Product performances determined in points 1 and 2, according to the performances declared in point 9.

This declaration of performance is issued on exclusive responsibility of the manufacturer defined in point 4.

Signed on behalf of manufacturer:

Głogów Młp. 01.07.2013
(Place and date of issue)

Kierownik Kontroli Jakości
Przedsiębiorstwa
Kierownik Kontroli Jakości i Laboratorium
.....mgr inż. Grzegorz Kmieć.....
(name, surname and signature of the authorized person)