LLC «TechnoNICOL — Construction Systems»
www.tn-europe.com
info@tn-europe.com

DECLARATION OF PERFORMANCE
№ XPS/001/CE/2019

1. Unique identification code of the product-type:

TECHNONICOL CARBON PROF 300
d= 50, 60, 70, 80, 100 mm
"F" (facade) - in the presence of surface topography on both sides of the board;
"D" (drainage) - in the presence of drainage channels on the surface of one side board;
Symbol plates supplemented with the words " SLOPE " with the designation of an appropriate slope in%

2. Intended use/es:

Heat-insulating cellular polystyrene extruded boards TECHNONICOL CARBON PROF 300 are used for industrial, civil and transport engineering as heat-insulation of building constructions in the temperature range of -70 to +75°C.

3. Manufacturer:

«TechoNICOL-Severo-zapad» Ltd.
2-d Vertikalniy proezd, uchastok 11, corpus 1
d.Annolovo, Tosnenskiy rayon
Leningradskay oblast
Russia, 187021
Tel.: +7 (812) 416 35 01

4. Authorised representative:

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5. System/s of AVCP:

System 3

6a. Harmonised standard:

Test report No. 75 35 01080/2015

Test report No. 462202231-2/2019

Notified body/ies:

№ 1023. Institute of tests and certification, PLC
Institut pro testování a certifikaci, a.s.
třída Tomáše Bati 299, Louky
763 02 Zlín
Česká republika/Czech Republic
tel/phone: + 420 577 601 541

№ 1004. Institute of tests and certification, PLC
Institut pro testování a certifikaci, a.s.
třída Tomáše Bati 299, Louky
763 02 Zlín
Česká republika/Czech Republic
tel/phone: + 420 577 601 272

7. Declared performance:

E-XPS- EN 13164-T1-CS(10)300-CC(1,5/1/10)135-DS(TH)-WL(T)0.7-WD(V)3

	Essential characteristics	Test method	Unit of measurement	Properties	Harmonized technical specification
1	Thermal conductivity, λD	EN 12667	W/m² K	0.034	EN 13164
2	Thermal resistance, RD	EN 12667	m²*K/W	50 mm - 1.471 60 mm - 1.765 70 mm - 2.059 80 mm - 2.353	
3	Thickness, class T1	EN 823	mm	50, 60, 70, 80, 100	
4	Width	EN 822	mm	580, 600	
5	Length	EN 822	mm	1180, 1200, 1250, 2380, 4000	
6	Reaction to fire, Euroclass	EN 13501-1	-------	Class E	
7	Compressive stress under 10% deformation, CS(10)	EN 826	kPa	≥ 300	
8	Long term water absorption by immersion, WL(T)	EN 12087	%	≤ 0.7	
9	Long term water absorption by diffusion, WD(V)	EN12088	%	≤ 3.0	
10	Dimensional stability, DS(TH)	EN 1604	%	Relative change of length, width and thickness not exceeding 5%	
11	Compressive stress or compressive strength, CC($i_1/i_2/y$)σ_c	EN 1606	%	CC(1,5/1/10)135	

E-XPS- EN 13164-T1-CS(10)300-CC(1/0,5/10)135-DS(TH)-WL(T)0.7-WD(V)3

	Essential characteristics	Test method	Unit of measurement	Properties	Harmonized technical specification
1	Thermal conductivity, λD	EN 12667	W/m² K	0.034	EN 13164
2	Thermal resistance, RD	EN 12667	m²*K/W	100 mm - 2.940	
3	Thickness, class T1	EN 823	mm	50, 60, 70, 80, 100	
4	Width	EN 822	mm	580, 600	
5	Length	EN 822	mm	1180, 1200, 1250, 2380, 4000	
6	Reaction to fire, Euroclass	EN 13501-1	-------	Class E	
7	Compressive stress under 10% deformation, CS(10)	EN 826	kPa	≥ 300	
8	Long term water absorption by immersion, WL(T)	EN 12087	%	≤ 0.7	
9	Long term water absorption by diffusion, WD(V)	EN12088	%	≤ 3.0	
10	Dimensional stability, DS(TH)	EN 1604	%	Relative change of length, width and thickness not exceeding 5%	
11	Compressive stress or compressive strength, CC($i_1/i_2/y$)σ_c	EN 1606	%	CC(1/0,5/10)135	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Kuznetsov I.	**General Director, «TechoNICOL-Severo-zapad» Ltd.**
Annolovo 14.06.19