

**DECLARATION OF PERFORMANCE**
№XPS/001/CE/2020**1. Unique identification code of the product-type:**TECHNONICOL CARBON ECO
d= 20, 30, 40 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 TECHNOMICOL CARBON ECO 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

Notified body/ies:Notified body № 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 577601541


7. Declared performance:
E-XPS- EN 13164-T1-CS(10)200-DS(TH)-WL(T)0,7-WD(V)3

No	Essential characteristics	Test method	Unit of measurement	Application properties	Harmonized technical specification
1.	Thermal Conductivity, λ_D	EN 12667	W/m ² K	0,034	EN 13164
2.	Thermal resistance, R_D	EN 12667	m ² *K/W	20 mm-0,588 30 mm-0,882 40mm-1,176	
3.	Thickness, class T1	EN 823	mm	20, 30, 40	
4.	Width	EN 822	mm	580, 600	
5.	Length	EN 822	mm	1180, 1200, 2380, 4000	
6.	Reaction to Fire, Euroclass	EN 13501-1	-----	Klass F	
7.	Compressive Stress under 10% Deformation, CS(10)	EN 826	kPa	≥200	
8.	Long term water absorption by immersion, WL(T)	EN 12087	%	≤ 0,7	
9.	Long term water absorption by diffusion, WD(V)	EN 12088	%	≤ 3,0	
10.	Dimensional stability, DS(TH)	EN 1604	%	Relative change of length, width and thickness not exceeding 5%	

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

