

**DECLARATION OF PERFORMANCE**

**№ XPS/009/CE/2018**

1.	Unique identification code of the product-type:	<b>TECHNONICOL CARBON PROF 300 TB</b> d= 110, 120, 130, 140, 150, 160, 170, 180, 190, 200 mm
2.	Intended use/es:	Heat-insulating cellular polystyrene extruded boards <b>TECHNONICOL CARBON PROF 300</b> 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:	«Zavod Tehnoplex » Ltd., Russia, Ryazan, 390047, Vostochny Promuzel, 21 ORIGIN: Russian Federation Tel.: +7 (4912) 911-355 Fax.: +7 (4912) 911-356
4.	Authorised representative:	
5.	System/s of AVCP:	<b>System 3</b>
6a.	Harmonised standard:	<b>Test report No. 75 35 01265A/2016</b>
	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)300-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	EN 12667	W/m <sup>2</sup> K	0,034	EN 13164:2012 +A1:2015
2.	Thermal resistance,	EN 12667	m <sup>2</sup> *K/W	110 (2x55)mm – 3,235 120 (2x60)mm – 3,529 130 (2x65)mm – 3,824 140 (2x70)mm – 4,118 150(3x50)mm – 4,412 160(2x80)mm – 4,706 170(100+70)mm – 5,0 180(80+100)mm – 5,294 190(2x95)mm – 5,59 200(4x50)mm – 5,882	
3.	Thickness, class T1	EN 823	mm	110, 120, 130, 140, 150, 160, 170, 180, 190, 200	
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	-----	Klass 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)	EN 12088	%	≤ 3	
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:

Benz S.V. - General Director, «Zavod Tehnopleks» Ltd

Ryazan, 06.04.2018

