



DECLARATION OF PERFORMANCE
Nr. XPS/010/CE/2018

1. Unique identification code of the product-type:

TECHNONICOL CARBON SOLID 500
d= 50, 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 TECHNOMICOL CARBON SOLID 500 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.
Vostochny Promuzel 21
Ryazan, Russia, 390047
Tel.: +7 (4912) 911-355
Fax.: +7 (4912) 911-356

4. Authorised representative:

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5. System/s of AVCP:

System 3

6a. Harmonised standard:

EN 13164:2012 + A1:2015

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 577601541

7. Declared performance:

E-XPS- EN 13164-T1-CS(10)500-DS(TH)-WL(T)0.7-WD(V)3

	Essential characteristics	Test method	Unit of measurement	Properties	Harmonized technical specification
1	Thermal conductivity, λ_D	EN 12667	W/m ² K	50 mm - 0.033 100mm - 0.034	EN 13164:2012 +A1:2015
2	Thermal resistance, RD	EN 12667	m ² *KW	50 mm - 1.515 100mm - 2.94	
3	Thickness, class T1	EN 823	mm	50, 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	≥ 500	
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%	

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:

S. Benz

General Director, «Zavod Tehnopleks» Ltd

Ryazan, 17.05.2018

