

**DECLARATION OF PERFORMANCE**
No. XPS/005/CE/2020**1. Unique identification code of the product-type:**TECHNONICOL CARBON PROF 400
d =100 mm

"F" (facade) - the presence of coarse surface 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:

Extruded polystyrene boards TECHNOMICOL CARBON PROF 400 are used in industrial, civil and transport engineering as thermal-insulation of building constructions in the temperature range -70 - +75°C

3. Manufacturer:FLLC "Roofing plant TechnoNIKOL",
Chapaeva, 11, Osipovichy 213760,
Republic of Belarus
Tel: +375 2235 61000**4. Authorised representative:****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.: + 420 577601541

7. Declared performance:

E-XPS-EN 13164-T1-CS(10)400-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 | 0,035 | EN 13164:2012 + A1:2015 |
| 2 | Thermal resistance, R_D | EN 12667 | m ² *K/W | 100 mm-2,85 | |
| 3 | Thickness, class T1 | EN 823 | mm | 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 | ≥ 400 | |
| 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:

Edemsky O.Y.

Production director, FLLC "Roofing plant TechnoNIKOL"

Osipovich, 01.06.2020

