



**DECLARATION OF PERFORMANCE**  
**No. 14/2020/CPR/XPS**

**1. Unique identification code of the product type**

XPS -EN 13164 -T3-CS(10Y)200-CC(2/1,9/10)100-DS(70,90)-WL(T)0,7 PENOPLEX® OSNOVA, PENOPLEX® BASE

**2. Type, batch or serial number or any other element allowing identification of construction product**

PENOPLEX® OSNOVA, PENOPLEX® BASE

**3. Intended use or used of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by manufacturer**

EN 13164:2012

**4. Name, registered trade name or registered trade mark and contact address of manufacturer PENOPLEX®**

PENOPLEX SPb, Ltd. 1-A Saperny per., St. Petersburg, Russian Federation.

**5. AVCP-menettely: AVCP 3**

**6. Name and identification of the notified body**

Technical and Test Institute for Construction Prague (Notified Body No. 1020 according to the CPR) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of conformity of the factory production control 1020-CPR-020029843.

**7. Declared Performance:**

Essential characteristics		Performance		Harmonised technical specifications
Reaction to fire		Class	E	EN 13164: 2012
Glowing combustion		No harmonized methods defined yet	NPD	
Acoustic absorption index		-	NPD	
Dimensional tolerances		T	3	
Thermal resistance and thermal conductivity	Declared thermal conductivity $\lambda_D$ [W/m*K]	Nominal thickness dN [mm]	Declared thermal resistance RD [m <sup>2</sup> *K/W]	
	0,034	20	0,59	
		30	0,88	
		40	1,18	
		50	1,47	
		60	1,76	
Compressive strength	Compressive strength or Compressive Stress at 10% deformation	CS(10Y)	150 kPa	
Compressive creep	Compressive creep after relative deformation 10 years on 2 %	CC (2/1,8/10)	100 kPa	