



Tensile strength	Tensile strength perpendicular to faces	TR	NPD
Water permeability	Long term water absorption	WL(T)0,7	≤ 0,7 [Vol.-%]
	Long term water absorption by diffusion	WD(V)	NPD
Water vapour permeability	Water vapour diffusion resistance factor	MU	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire of XPS products does not change with time.		
Durability of thermal resistance against heat, weathering, ageing/ degradation/ freeze thaw	Dimensional stability under specified conditions 70°C; 90%r.h.	DS	(70,90)
	Deformation under specified compressive load of 40 kPa and temperature conditions at 70°C	DLT	NPD
	Freeze-thaw resistance after long term water absorption by diffusion	FTCD	NPD
	Freeze-thaw resistance after long term water absorption by total immersion	FTCI	NPD
Dangerous substances	Release of dangerous substances to the indoor environment		

EN 13164: 2012

NPD= No Performance Determined

Safety data sheet: [http://www.penoplex.ru/files/sertificats/penoplex\\_material\\_safety\\_data\\_sheet.pdf](http://www.penoplex.ru/files/sertificats/penoplex_material_safety_data_sheet.pdf)

8. The performance of the product identified in point 1 and 2 in is in conformity with the declared performance in point 8. This declaration of performance is issued under the role responsibility of the manufacturer point 4.

9. Signed for and on behalf of the manufacturer by:  
Igor Levchenkov, Deputy of General Director of sales, Penoplex SPb Ltd.

01 March 2020  
DOP-No. 14/2020/CPR/XPS

