

Declaration of Performance
EPS 120 Perimeeter / 2016

1. Product: **EPS 120 Perimeeter**
EPS 120 Perimeeter Pluss
2. Technical specification: EPS-EN 13163-T(2)-L(2)-W(2)-S(2)-P(10)-DS(N)2-BS150-CS(10)120 – WL(T)2
3. Application areas: thermal insulation of buildings.
4. Manufacturer: Reideni Plaat AS, Paide mnt. 7, 80042 Pärnu, Estonia.
5. Does not apply
6. The durability of conformity evaluation and control system: according to system 3 (EN 13163 appendix ZA.2.1)
7. Notified laboratories: 1. TÜV Eesti OÜ. Fire Laboratory. 74114 Maardu, Vana-Narva mnt 24B, Estonia 2. TTÜ Certification Centre, Ehitajate tee 5, 19086 Tallinn, Estonia
8. Does not apply
9. Declared conformity

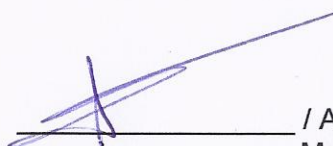
Main characteristics	Performance	Harmonized tech. description	
Declared thermal conductivity λ_D	0.035 W/(m·K)	EN 13163:2012	
Thermal resistance R_D	50 mm		1.40 m ² ·K / W
	100 mm		2.85 m ² ·K / W
	150 mm		4.25 m ² ·K / W
	200 mm		5.70 m ² ·K / W
Durability of thermal resistance	Meets ^a		
Tolerance of the length	L(2)		
Tolerance of the width	W(2)		
Tolerance of the thickness	T(2)		
Right angulation tolerance	S(2)		
Flatness tolerance	P(10)		
Dimensional stability under constant normal laboratory conditions	DS(N)2		
Dimensional stability under prescribed temperature and humidity	< 1 %		
Reaction to fire	E		
Durability of reaction to fire	Meets ^b		
Compressive stress at 10 % deformation	CS(10)120		
Bending strength	BS150		
Water vapour diffusion resistance factor	30 to 70		
Long term water absorption by total immersion	WL(T)2		

^a The thermal conductivity of EPS materials does not change during time

^b The conformity to fire of EPS materials does not change during time

10. Conformity of the product in articles 1 and 2 is in accordance with the declared conformity in article 9. This Declaration of Conformity is the sole responsibility of Reideni Plaat AS.

25.01.2016, Pärnu



/ Arvi Siim
Managing Director