EPS TERM AS Reideni plaat

CE

Declaration of Performance
EPS 100 Silver / 2016

1. Product: **EPS 100 Silver**
2. Technical specification: EPS-EN 13163-T(2)-L(2)–W(2)–S(2)–P(10)–DS(N)2–BS150–CS(10)100–CC(3/2/10)44
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. Test Laboratory. 74114 Maardu, Vana-Narva mnt 24B, Estonia 2. Vilnius Gediminas Technical University. Scientific Institute of Thermal Insulation. Linkemenu 28, 08217 Vilnius, Lithuania.
8. Does not apply
9. Declared conformity

Main characteristics		Performance	Harmonized tech. description
Declared thermal conductivity λ_D		0.030 W/(m·K)	EN 13163:2012
Thermal resistance R_D	50 mm	1,65 m^2·K / W	
	100 mm	3,30 m^2K· / W	
	150 mm	5,00 m^2·K / W	
	200 mm	6.65 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)100	
Bending strength		BS150	
Water vapour diffusion resistance factor		30 to 70	
Compressive creep		CC(3/2/10)44	

[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