

## DECLARATION OF PERFORMANCE

No. 200LAT03102016

1. Identification code: RUUKIN EPS 200 LATTIA
2. Intended use: Expanded polystyrene, to be used as thermal insulation in buildings.
3. Manufacturer: Ruukin EPS Oy, Ahlströmintie 1 L 92400 Ruukki Finland, [www.ruukineps.fi](http://www.ruukineps.fi)
5. AVCP-system: AVCP 3
- 6a. Harmonized standard: EN 13163:2012 + A1:2015  
 Notified test laboratories: Vilnius Gediminas Technical University Scientific Institute of Thermal Insulation (NB 1688)  
 Notified test laboratory reports: 1688-CPR-1654 and 1688-CPR-1655
7. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire Continuous glowing combustion* -Reaction to fire	Euroclass F	EN 13163:2012 +A1: 2015
Water permeability -Water absorption	WL(T)5	
Release of dangerous substances to the indoor environment*	-	
Thermal resistance -Thermal conductivity, $\lambda_D$ -Thickness -Thermal resistance, R ( $m^2K/W$ )	$\lambda$ DECLARED = 0,033 W/mK T2 Plate thickness/Thermal resistance 25 mm / 0,75 50 mm / 1,50 70 mm / 2,10 75 mm / 2,25 100 mm / 3,00 120 mm / 3,60 125 mm / 3,75 150 mm / 4,50 200 mm / 6,05 250 mm / 7,55	
Water vapour permeability -Water vapour transmission	NPD	
Compressive strength -Compressive strength at 10 % deformation	CS(10)200	
Tensile/Flexural strength -Bending strength	BS(250)	
Durability of reaction to fire against heat, weathering, ageing/degradation	accepted	

Durability of thermal resistance against heat, weathering, ageing/degration	accepted	
Durability of compressive strength against ageing and degration		
-Compressive creep	CC(2.5/1.5/10)60	
-Freeze-thaw resistance	NPD	

NPD = No performance determined      \* = So far there is no test method in product standard

The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued according to regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer.

Signed for and behalf of the manufacturer by:

**Siikajoki 03.10.2016**

**Heikki Aurio, managing director**