

# Declaration of Performance

Product Nr.: 200080

**Intended use(s):** Thermal insulation for buildings  
**Main Material:** Expanded Polystyrene boards, produced for insulation of walls, roofing and concrete floors, where the boards are covered with sufficient material with consideration to fire protection codes according to local authorities.

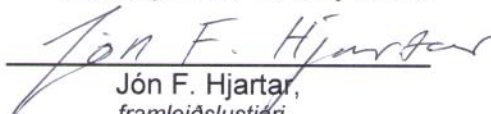
**Producer:** Temptra ehf.  
Íshella 8  
221 Hafnarfjörður

**Harmonized standards:** ÍST EN 13163:2012.  
**Notified body:** 1066, Nýsköpunarmiðstöð Íslands  
**Declared performances**  
**Reaction to fire:** Category F  
**Thermal Conductivity** 0,040 W/(m·K).  
**Density:** 16 kg/m<sup>3</sup>

<i>Thickness, <math>d_N</math> (mm):</i>	10	25	50	75	100	125
<i>Thermal Resistance, <math>R_D</math> (<math>m^2 \cdot K/W</math>):</i>	0,25	0,60	1,25	1,85	2,50	3,15
<i>Compressive strength at 10% compression (kPa):</i>	80	80	80	80	80	80
<i>Water absorption (<math>kg/m^2</math>):</i>	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1

The usability of the specified product is in accordance with the declared performance in this document. This declaration of performance is issued according the EU code nr. 305/2011, by Temptra ehf.

Hafnarfjörður, 15. May 2020,

  
**Jón F. Hjartar,**  
 framleiðslustjóri.