

# Declaration of Performance (DoP)



1. Product type: **Plötur 50**
2. Product identification: **See product label**
3. Intended use: **Thermal insulation for buildings**
4. Manufacturer: **Steinull hf., Skarðseyri 5, 550 Sauðárkrúkur, Iceland**
5. System of AVCP: **AVCP System 1 for Reaction to fire and System 4 for other properties**
6. Notified body: **AVCP System 1 and VTT Expert Services Ltd. No. 0809-CPR-1111**
7. Harmonised standard: **IST EN 13162:2012+A1:2015**

Property		Unit	Value	According to
Reaction to Fire, RtF	4.2.6	Euroclass	A1	IST EN 13501-1
Release of Dangerous Substances	4.3.13	-	NPD	
Sound Absorption	4.3.11	-	NPD	IST EN ISO 354
Thermal Resistance, R <sub>D</sub>	4.2.1	m <sup>2</sup> K/W	See product label	IST EN 12667
Thermal Conductivity, λ <sub>D</sub>	4.2.1	W/mK	0,034	IST EN 12939
Thickness Tolerance, T	4.2.3	Class	T4	IST EN 823
Dimensional Stability	4.3.2	%	≤1	IST EN 822
Water Absorption, Short Term, W <sub>p</sub>	4.3.7.1	kg/m <sup>2</sup>	≤1	IST EN 1609/12087
Water Absorption, Long Term, W <sub>lp</sub>	4.3.7.2	kg/m <sup>2</sup>	NPD	IST EN 12086
Water Vapour Transmission	4.3.8	μ	1	IST EN 10456
Compressive Stress (10%)	4.3.3	kPa	NPD	IST EN 826
Point Load (5%)	4.3.5	N	NPD	IST EN 12430

\*NPD No Performance Determined

8. The performance of the product identified in section 1. And 2. is in conformity with section 7. under the sole responsibility of the manufacturer identified in section 4.

Signed for and on behalf of **Steinull hf.**  
**Rafn Ingi Rafnsson**

A handwritten signature in black ink, appearing to read 'Rafn Ingi Rafnsson'.

**Sauðárkrúki, 16.11.2017**