

Declaration of Performance (DoP)



1. Product type: **Plötur 45**
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 _D | 4.2.1 | m ² K/W | See product label | IST EN 12667 |
| Thermal Conductivity, λ _D | 4.2.1 | W/mK | 0,034 | IST EN 12939 |
| Thickness Tolerance, T | 4.2.3 | Class | T2 | IST EN 823 |
| Dimensional Stability | 4.3.2 | % | ≤1 | IST EN 822 |
| Water Absorption, Short Term, W _p | 4.3.7.1 | kg/m ² | ≤1 | IST EN 1609/12087 |
| Water Absorption, Long Term, W _{lp} | 4.3.7.2 | kg/m ² | 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