

# DECLARATION OF PERFORMANCE

Nro. 146-FF-2017-11-23

1. **Unique identification code of the product-type:** Gypsum plasterboard composite panel FF-PIR xxx GYL.
2. **Allowing identification of the construction product:** FF-PIR GYL
3. **Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the web site [www.finnfoam.fi](http://www.finnfoam.fi) .

4. **Name, registered trade name and contact address of the manufacturer:**

Finnfoam Oy (0689386-6)  
Satamakatu 5  
24100 Salo, Finland  
Tel. +358 2 777 300  
Fax: +358 2 777 3020  
Email: [finnfoam@finnfoam.fi](mailto:finnfoam@finnfoam.fi)

6. **System of attestation of conformity :** AVCP 3

7. **Declaration of performance concerning a construction product covered by a harmonized standard:**

VTT Expert Services (NB. 0809) and Institute of thermal insulation of Vilnius Gediminas Technical University (NB. 1688) performed initial type testing under system 3 and issued test/calculation reports.

The logo for FF-PIR features the letters 'FF' in a bold, italicized yellow font with a grey outline, followed by a hyphen and the letters 'PIR' in a bold, green font with a grey outline.

## 9. Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE		HARMONISED TECHNICAL SPECIFICATION
Reaction to fire	Euroclass	B-s1,d0 (Gypsum side)	EN 13165:2012
	Foam fireclass VTT-C-11858-16	D-s1,d0	
Acoustic absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Sound absorption	NPD	
Thermal resistance (calculated value)	Thickness (mm)	Thermal resistance (m <sup>2</sup> K/W)	
	30	0,90	
	40	1,35	
	70	2,75	
Water vapour permeability	Water vapour transmission	NPD	
Impact resistance	Impact resistance	NPD	
Flexural strength	Longitudinal	> 400 N	
	Tranverse	> 160 N	

Safety data sheet: [www.finnfoam.fi/kayttoturvallisuustiedote](http://www.finnfoam.fi/kayttoturvallisuustiedote)

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 23.11.2017



(signature)

**FF-PIR**