

1 – *Unique identification code of the product-type:*

**INSFR004**

*Commercial name (s) :*

**EFIGREEN DUO +**

2 – *Intended use(es):*

**Thermal insulation products for buildings**

3 – *Manufacturer:*

**SOPREMA SAS  
14, rue de Saint-Nazaire – CS 60121  
67100 STRASBOURG  
[www.soprema.com](http://www.soprema.com)**

4 – *Authorised representative:*

**Non applicable**

5 – *System(s) of assessment and verification of constancy of performance:*

**AVCP 3**

6a – *Harmonised standard : EN 13165:2012 + A1:2015*

*Notified body(ies):*

**The LNE (Notified Body n°0071):**

- **made the determination of the product-type on the basis of type testing,**
  - **issued the corresponding tests reports.**
- according to system 3**

7 – Declared performance(s) :

Essential characteristics	Performances	Harmonised Technical Specification
Thermal conductivity – $\lambda_D$ (W/(m.K))	<b>0,023</b> <b>0,022</b>	<b>EN 13165 : 2012</b> <b>+</b> <b>A1 : 2015</b>
Thickness – d (mm)	<b>30 - 35</b> <b>40 - 160</b>	
Thermal resistance – R (m <sup>2</sup> .K/W)	<b>1,30 - 1,50</b> <b>1,80 - 7,25</b>	
Classes for thickness tolerances	<b>T2</b>	
Reaction to fire	<b>NPD</b>	
Durability of reaction to fire depending on heat exposure, bad weather, ageing/deterioration	<b>(a)</b>	
Durability of thermal resistance depending on heat exposure, bad weather, ageing/deterioration	<b>NPD</b>	
Characteristics for durability		
Dimensional stability		
Deformation under specified compressive load and temperature conditions		
Thermal resistance and thermal conductivity values after ageing	<b>(b)</b>	
Compressive strength	<b>CS (10/Y) 200</b>	
Tensile strength	<b>NPD</b>	
Durability of compressive strength depending on ageing/deterioration	<b>NPD</b>	
Compressive creep		
Water permeability	<b>WS (P) 0,2</b>	
Water absorption in short time		
Water absorption in long time		
Flatness after partial immersion		
Water vapour transmission	<b>NPD</b>	
Acoustic absorption index	<b>NPD</b>	
Release of dangerous substances inside buildings	<b>(c)</b>	
Continuous glowing combustion	<b>(c)</b>	

(a) : PU fire performance does not degrade with time.

(b) : Any variation for thermal conductivity and thermal resistance is processed and considered in the reported values (Annex C for the thermal conductivity and dimensional stability for the thickness).

(c) : European test methods are being developed.

8 – Appropriate Technical Documentation and/or Specific Technical Documentation:

**Non applicable**

The performances of the product identified above is in conformity with the set of declared performance (s). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by :

**Strasbourg,**  
**Export Technical Manager, Mr Pascal MOUGEOT-LUDIN**

