DECLARATION OF PERFORMANCE
n° INSFR008

1 – Unique identification code of the product-type:

INSFR008

Commercial name (s):

EFIGREEN ACIER

EFIGREEN ACIER F

EFIGREEN ACIER PH

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

4 – Authorised representative:

Non applicable

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

AVPC 3

6a – Harmonised standard:

EN 13165:2012+A2:2016

Notified body(ies):

LNE (Laboratoire National de métrologie et d'Essais), 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.

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7 – Declared performance(s):

Essential characteristics	Performances		Harmonised Technical Specification
Thermal conductivity – λ_D (W/(m.K)	**0.023**	**0.022**	**EN 13165:2012 + A2:2016**
Thickness – d (mm)	**30 - 35**	**40 - 162**	
Thermal resistance – R (m².K/W)	**1.30 – 1.50**	**1.80 – 7.35**	
Classes for thickness tolerances	**T2**		
Reaction to fire	**D-s2,d0**		
Durability of reaction to fire depending on heat exposure, bad weather, ageing/deterioration	**(a)**		
Durability of thermal resistance depending on heat exposure, bad weather, ageing/deterioration			
Characteristics for durability	**NPD**		
Dimensional stability	**NPD**		
Deformation under specified compressive load and temperature conditions	**NPD**		
Thermal resistance and thermal conductivity values after ageing	**(b)**		
Compressive strength	**CS(10\Y)150**		
Tensile strength	**NPD**		
Durability of compressive strength depending on ageing/deterioration			
Compressive creep	**NPD**		
Water permeability			
Water absorption in short time	**WS(P)0,2**		
Water absorption in long time	**NPD**		
Flatness after partial immersion	**NPD**		
Water vapour transmission	**NPD**		
Acoustic absorption index	**NPD**		
Release of dangerous substances inside buildings	**(c)**		
Continuous glowing combustion	**(c)**		

(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, April 22nd, 2022,
Export Technical Manager, Mr Pascal MOUGEOT-LUDIN

INSFR008.e/EN

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