



SOPREMA

DECLARATION OF PERFORMANCE
n° INSFR005



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

INSFR001

Commercial name (s):

TMS®

2 – *Intended use(es):*

Thermal insulation products for buildings

3 – *Manufacturer:*

SOPREMA SAS
14, rue de Saint-Nazaire – CS 60121
67100 STRASBOURG cedex
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 + 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.

**7 – Declared performance(s):**

Essential characteristics	Performances				Harmonised Technical Specification
Thermal conductivity – λ_D (W/(m.K))	0.028	0.025	0.023	0.022	EN 13165:2012 + A2:2016
Thickness – d (mm)	21	25	30 - 35	40 - 160	
Thermal resistance – R (m ² .K/W)	0.75	1.00	1.30 - 1.50	1.85 - 7.40	
Classes for thickness tolerances	T2				
Reaction to fire	NPD				
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 Dimensional stability	(b) DS(70,90)2				
Deformation under specified compressive load and temperature conditions	NPD				
Thermal resistance and thermal conductivity values after ageing	(b)				
Compressive strength	CS(10\Y)175				
Tensile strength	NPD				
Durability of compressive strength depending on ageing/deterioration Compressive creep	NPD				
Water permeability Water absorption in short time Water absorption in long time Flatness after partial immersion	WS(P)0,2 NPD 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 deteriorate over 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 on-going.

8 – Appropriate Technical Documentation and/or Specific Technical Documentation:**Non applicable**

The performance 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, 06th September 2018,
Export Technical Manager, Mr Pascal MOUGEOT-LUDIN