

# Declaration of Performance

in accordance with Annex V of Regulation No. 305/2011



date of issue: 20.12.17

revised:

Number

**No. 6100\_004-CPR 2013 / 05 / 12**

Unique identification code of the product-type

**PAVAFLEX CONFORT**

Type, batch or serial number or other identifying mark to identify the construction product

**Batch N°. as shown on the label**

Intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification

**Insulation for the building envelope**

Name, registered trade name or registered trade mark and contact address of the manufacturer

**Soprema SAS**

**Route de la Pisciculture 37**

**1701 Fribourg**

**Switzerland**

Name and contact address of the authorised representative

**not relevant**

System for assessment and verification of constancy of performance of the construction product

**System 3**

**Notified body No. 072**

**Laboratoire national de métrologie et d'essais**

**LNE**

**1, rue Gaston Boissier**

**75724 PARIS Cedex 15**

**The notified certification body carried out the type testing under system 3.**

Declared performance

EN 13171:2012+A1:2015, Thermal insulating products for buildings - Factory made wood fibre (WF) products  
Intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification

Title	Essential Characteristic	Performance	Test standard
Reaction to fire	4.2.6 Reaction to fire	E	
Release of dangerous substances	4.3.15 Release of dangerous substances	NPD (a)	
Sound absorption	4.3.12 Sound absorption	NPD	

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Sound absorption (for Flooring)	4.3.10 Dynamic stiffness	NPD	EN 13171:2012+A 1:2015
	4.3.11.1 Thickness dL	NPD	
	4.3.11.3 compressibility	NPD	
	4.3.13 Air flow resistance	AFr5	
Mouldering performance	4.3.17 mouldering	NPD	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	$\lambda_d = 0.038 \text{ W/mK}$	
	4.2.3 Thickness	T3 / Siehe Etikette / voire étiquette / see label	
Short term water absorption	4.3.8 Water absorption	NPD	
Water vapour transmission	4.3.9 Water vapour transmission	NPD	
compressive strength	4.3.3 compressive strength	NPD	
	4.3.6 Point load	NPD	
Durability of the reaction to fire under the influence of heat, weather conditions and aging	4.2.7 Reaction to fire	NPD	
Durability of the Thermal resistance and thermal conductivity under the influence of heat, weather conditions and aging	4.2.1 Thermal resistance and thermal conductivity	NPD	
	4.3.2 Dimensional stability	NPD	
	4.3.2.2 Dimensional stability at 70°C	NPD	
	4.3.2.2 Dimensional stability at specified temperature and humidity	NPD	
Tensile strength	4.3.5 Tensile strength parallel to faces	NPD	
	4.3.4 Tensile strength vertical to faces	TR1	
Durability of the compressive strength under the influence of aging	4.3.7 Long term compressive creep	NPD	
a) NPD = no Performance declared			

**Herbert Christen**  
Technical Director

**Matthias Oelhafen**  
Project Manager Certificates & Labels



**ASSOCIATION POUR LA CERTIFICATION DES MATERIAUX ISOLANTS**

ASSOCIATION DECLAREE (LOI DU 1ER JUILLET 1901) ORGANISME CERTIFICATEUR DECLARE (LOI 94-442 DU 3 JUIN 1994)

**CSTB - LNE**



ACCREDITATION  
N°5-0019  
PORTEE  
DISPONIBLE SUR  
WWW.COFRAC.FR

Édition 3

## CERTIFICAT ACERMI

**N° 17/006/1259**

*Licence n° 17/006/1259*

En application des Règles Générales du Certificat de produit ACERMI et du référentiel Produits manufacturés en fibre de bois version A du 15/03/2013 de la Certification des matériaux isolants thermiques,

la société :

Raison sociale : **SOPREMA SAS**

*Company:*

Siège social : **14 rue de St Nazaire CS 60121 67025 STRASBOURG CEDEX - France**

*Head Office:*

est autorisée à apposer la marque ACERMI sur le produit isolant, sur les emballages et sur tout document concernant directement le produit désigné sous la référence commerciale

### **PAVAFLEX CONFORT**

et fabriqué par les usines de : -

*Production plant:*

avec les caractéristiques certifiées figurant en page 2 du présent certificat.

*Certified characteristics are given in page 2.*

Ce certificat atteste que ce produit et le système qualité mis en œuvre pour sa fabrication font respectivement l'objet d'essais de conformité et d'audits périodiques avec prélèvement d'échantillons pour essais, suivant les spécifications définies par le référentiel Produits manufacturés en fibre de bois ET la norme NF EN 13171+A1 : 2015.

*This licence, delivered under the ACERMI Technical Regulations, certifies that the products and the relevant quality system are respectively submitted to tests of conformity and periodical audits with sampling for tests, according to the specifications of the Technical Regulations.*

Ce certificat a été délivré le 07 mars 2018 et, sauf décision ultérieure à la présente certification, due en particulier à une modification du produit ou du système qualité mis en place, est valable jusqu'au 31 décembre 2020.

*This certificate was issued on march 07<sup>th</sup> 2018 and is valid until december 31<sup>th</sup> 2020, except new decision due to a modification in the product or in the implemented quality system.*

Pour le Président  
E. CREPON

C. BALOCHE

Pour le Secrétaire  
T. GRENON

P. PRUDHON

La validité du certificat peut être vérifiée en consultant la base de données sur le site [www.acermi.com](http://www.acermi.com)

Renouvellement du certificat n° 17/006/1259 Édition 2, délivré le 01 janvier 2018

*Renewal of certificate n° 17/006/1259 Edition 2, issued on january 01<sup>st</sup> 2018*



**CERTIFICAT ACERMI**

**N° 17/006/1259**

*Licence n° 17/006/1259*

**CARACTÉRISTIQUES CERTIFIÉES**

*Certified properties*

**CONDUCTIVITÉ THERMIQUE CERTIFIÉE :  $\lambda_D = 0.038$  W/(m.K)**

*Certified thermal conductivity:*

	<b>Résistance thermique - Thermal resistance</b>										
<b>Épaisseur (mm)</b>	40	45	50	60	80	100	120	140	145	160	180
<b>R (m<sup>2</sup>.K/W)</b>	<b>1,05</b>	<b>1,15</b>	<b>1,30</b>	<b>1,55</b>	<b>2,10</b>	<b>2,60</b>	<b>3,15</b>	<b>3,65</b>	<b>3,80</b>	<b>4,20</b>	<b>4,70</b>
<b>Épaisseur (mm)</b>	200	220	240	-	-	-	-	-	-	-	-
<b>R (m<sup>2</sup>.K/W)</b>	<b>5,25</b>	<b>5,75</b>	<b>6,30</b>	-	-	-	-	-	-	-	-

**RÉACTION AU FEU : Euroclasse E**

*Reaction to fire:*

**AUTRES CARACTÉRISTIQUES CERTIFIÉES**

*Other certified properties*

<b>Tolérance d'épaisseur</b>	<b>T3</b>
<b>Résistance à la traction perpendiculairement aux faces</b>	<b>TR1</b>
<b>Résistance à l'écoulement de l'air</b>	<b>AFr5</b>
<b>Transmission de vapeur d'eau</b>	<b>MU2</b>

**ISOLANT SEMI-RIGIDE**

<b>Épaisseur (mm)</b>	de 40 à 240
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## PAVAFLEX CONFORT

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Within the meaning of article 3 no. 3 of the REACH regulation (EC) no. 1907/2006, this product is an article. It does not contain any materials that are intentionally discharged and classed as hazardous. A safety data sheet for articles is not necessary. With this document, PAVATEX provides information for the safe handling and use of the products in accordance with REACH.

### 1. Identification of the product and of the company/undertaking

#### 1.1 Product identifier

PAVAFLEX CONFORT

#### 1.2 Use of the product

Woodfibre insulation for buildings

#### 1.3 Company/Undertaking Identification

F: SOPREMA S.A.S  
14 rue de Saint Nazaire  
F-67025 STRASBOURG CEDEX  
+33(0) 3.86.63.29.18  
ygaillard@soprema.fr

CH: PAVATEX SA  
Rte de la Pisciculture 37  
CH-1701 Fribourg  
+41 26 426 31 11  
safetydatasheet@pavatex.com  
www.pavatex.com

D: SOPREMA GmbH  
NL Leutkirch  
Wangener Str. 58  
D-88299 Leutkirch  
+49 75 61 98 55 0

A: SOPREMA GmbH  
Harter Süd Strasse 12  
8075 Hart bei Graz  
+43 316 670 223

I: Naturalia-BAU Srl  
Via Carlo Abarth, 20  
I-39012 Merano  
+39 473 499 050

GB: Natural Building Technologies  
The Hangar, Worminghall Road, Oakley,  
Buckinghamshire, HP18 9UL  
+44 1844 338 338

#### 1.4 Emergency telephone number

see 1.3

## 2. Hazards identification

### 2.1 Classification of the product

In accordance with Regulation (EC) No. 1272/2008 (CLP), the product does not need to be classified nor labelled.

### 2.2 Label elements

none

### 2.3 Other hazards

none

## 3. Composition

Coniferous wood	85.00 %
Connective fibres	7.00 %
Ammonium polyphosphate	8.00 %

## 4. First aid measures

### 4.1 Description of first aid measures

#### General information

No particular hazards.  
The same precautions against dust must be taken as if solid timber is processed.

#### Inhalation

non-applicable

#### Skin contact

Clean dust with water.

#### Eye contact

Rinse thoroughly the dust with plenty of water, also under the eyelids.  
If eye irritation persists, consult a specialist.

#### Ingestion

If you feel unwell, seek medical advice (show the label where possible).

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Extinguishing agent must be adapted to surrounding fire.  
The product behaves in case of fire same as solid wood.

#### Extinguishing media which must not be used for safety reasons

none

### 5.2 Special hazards arising from the product

During a fire, smoke may contain unidentified toxic  
and/or irritating compounds.

### 5.3 Advice for firefighters

Self-contained breathing apparatus must be used.  
Released flue gas in case of fire:  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

none

### 6.2 Environmental precautions

No special environmental precautions required.

### 6.3 Methods and material for containment and cleaning up

none

## 7. Handling and storage

### 7.1 Precautions for safe handling

No special technical protective measures required.

### 7.2 Conditions for safe storage

none

### 7.3 Specific end use(s)

Woodfibre insulation for buildings

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure limit(s)

Occupational exposure limits defined by the EU:  
TRGS 553 / max. 2mg/m<sup>3</sup>

### 8.2 Exposure controls

#### Occupational exposure controls

General industrial hygiene practice.  
Wash hands before breaks and at the end of workday.

#### Personal protection equipment

Breathing protection: Mask type FFP2 if cutting.  
Hand protection: No special measures required.  
No special protective equipment required.  
Eye protection: Usual safety measures if cutting.  
Skin and body protection: Usual safety measures.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Bright yellow till brown with structured surface.
Aggregate state:	Solid
Smell:	Like wood
Explosion hazards:	Not hazardous
Flammability:	≥ 200°C
Density:	50 kg/m <sup>3</sup>

## 10. Stability and reactivity

### 10.1 Reactivity

None if used as directed.

### 10.2 Chemical stability

No decomposition if used as directed.

### 10.3 Possibility of hazardous reactions

No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects.

### 10.5 Incompatible materials

none

### 10.6 Hazardous decomposition products

None under normal use.



## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

none known

#### Skin corrosion/irritation

none known

#### Serious eye damage/eye irritation

none known

#### Respiratory / Skin Sensitisation

Wood dust can cause asthma.

#### Carcinogenicity

Wood dust is under suspicion to be a carcinogenetic agent.

#### Germ cell mutagenicity

none known

#### Reproductive toxicity

none known

#### Specific target organ toxicity (single exposure)

none known

#### Specific target organ toxicity (repeated exposure)

none known

#### Aspiration hazard

none known

#### Human experience

This product has no known adverse effect on human health.

## 12. Ecological information

### 12.1 Toxicity

none known

### 12.2 Persistence and degradability

none known

### 12.3 Bioaccumulative potential

none known

## 12.4 Mobility in soil

none known

## 12.5 Results of PBT and vPvB assessment

none known

## 12.6 Other adverse effects

none known

## 13. Disposal considerations

### 13.1 Waste treatment methods

#### Product

Under consideration of the local provisions burn in a waste combustion dump.

Waste code: 030105; 170201; 170604

#### Packaging

Under consideration of the local provisions burn in a waste combustion dump.

PE- foil, waste code: 150102

Pallet (wood), waste code: 150103

## 14. Transport information

#### ADR/RID

not regulated

#### IMDG

not regulated

#### IATA

not regulated

#### Further Information

Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Regulatory Information

In accordance with Regulation (EC) No. 1272/2008 (CLP), the product does not need to be classified nor labelled.

### 15.2 Chemical safety assessment

not required

## 16. Other information

### Key or legend to abbreviations and acronyms

CLP: Classification according to  
Regulation (EC) No. 1272/2008 (GHS)

### Full text of phrases referred to under sections 2 and 3

none

### Training advice

For further information, please also consult our Internet site.

### Disclaimer

The safety information provided in this Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.