



Revision index	Date of implementation
C	15/03/2017

# Technical Specification D

## *Marking Rules*



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## 1 ACERMI certificate

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The ACERMI certificate is embodied by:

1. The entitlement to use the certificate.
2. The information label.

In accordance with the provisions in law No. 2008-776 of 4th August 2008, the distinctive sign representing the certificate is constituted by the collective mark shown below, the dimensions of which are given in appendix.



This logo is registered at the INPI as a collective mark in accordance with the provisions of law No. 91-7 of 4th January 1991 relating to trademarks or service marks. The use of this logo is governed by the General Rules of the Certificate for factory-made thermal insulation products for buildings and specified by these ACERMI certificate marking rules.

Only applicants having regularly obtained the written authorisation of the Association pour la Certification des Matériaux Isolants may affix the logo on their products. They use this logo under their own responsibility.

All use of the logo or any reference to the certificate in the context of specific advertising (letter headers, invoices, commercial documents, newspapers, reviews, etc.) must make it possible to distinguish products covered by the logo from those which are not, without there being any possible risk of confusion. The documents in question must be supplied to the Association pour la Certification des Matériaux Isolants on request.



## 2 Entitlement to use the ACERMI certificate

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For all approved products, the Association pour la Certification des Matériaux Isolants establishes an authorisation with a certificate number and the data relating to the certified product(s) and the company holding the certificate.

This document (or a copy of it) is the main support for the certified information.

The sales, general and specific documents of the manufacturer may refer to certification if the product (or product range) is certified, specifying the number of the certificate and if applicable, the characteristics covered by the certification, together with their certified values.

## 3 Information label

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The information label for the certificate is affixed to each package of certified products, either independently or as part of the identification label on the insulation material used by the manufacturer.

The affixed logo shall comply with the models shown below.

Each label must include the following information listed below:

1. The ACERMI certification logo registered by the Association pour la Certification des Matériaux Isolants
2. The statement

**"ACERMI CERTIFICATE"**  
www.acermi.com

3. The designation of the category of the product in question mentioned in the following paragraphs of this specification.
4. The number of the certificate including the last two digits of the year of award (YY), the 3-figure number identifying the applicant (XXX) and the chronological order per type of certificate (CCC) (e.g. 00/220/65).
5. A manufacturer code allowing the certifying body to identify the manufacturing factory, the production batch and the date of production (this code may appear outside this marking). This code is affixed by the certificate holder who communicates the key to the certifying body.

The general statements above concern all certified products. They are supplemented by the specific provisions of the paragraphs below.

### 3.1 Materials and products intended for the thermal insulation of buildings in the form of slabs, panels or rolls

Two markings are possible.

If these characteristics are certified, the marking statements are supplemented by:

1. "Certified ISOLE profile"
2. The service compression strength " $R_{CS}$  ;  $d_{S \min}$  ;  $d_{S \max}$ "
3. Class SC1 or SC2 accompanied by the letter a or b, the index and characteristics A or Ch as applicable.
4. For reflective products, the emissivity values "Emissivity  $\epsilon_D =$  " and the thermal resistance
5. For plant or animal fibre based products, the thermal resistance
6. If applicable, the valid Technical Assessment or Technical Application Document

The print colour for these labels is not specified.

If the product permits, depending on the constraints specific to the material and/or the marking techniques, derogations may be granted by the certifying body. The certified insulation material may be marked with the logo according to the model below.







No. YY/XXX/CCC



Certificate number completed by the manufacturer code allowing the certifying body to identify the factory, batch and date of manufacture

The texts and numbers must be legible, as shown in the examples below.

### 3.1.1 Products coming under a harmonised European standard or a European Technical Approval (ETA) guideline with declaration of the thermal resistance

<p><u>Example 1</u> (Case of numerous brands)</p>  <p>No. YY/XXX/CCC <a href="http://www.acermi.com">www.acermi.com</a></p>	<p><u>Example 2</u></p>  <p>Certified thermal insulation material No. YY/XXX/CCC SC2 a<sub>i</sub> A Ch certified <a href="http://www.acermi.com">www.acermi.com</a></p>
<p><u>Example 3</u></p>  <p>Certified thermal insulation material N°YY/XXX/CCC Certified ISOLE profile R<sub>cs</sub> ; d<sub>s</sub> mini ; d<sub>s</sub> maxi SC2 a<sub>i</sub> A Ch certified <a href="http://www.acermi.com">www.acermi.com</a></p>	<p><u>Example 4</u></p>  <p>Certified reflective thermal insulation material No. YY/XXX/CCC Emissivity ε<sub>D</sub>= <a href="http://www.acermi.com">www.acermi.com</a></p>


### 3.1.2 Products coming under a harmonised European standard or a European Technical Approval (ETA) guideline without declaration of thermal resistance or coming under a Technical Assessment, a Technical Application Document or a Common Understanding Assessment Procedure (CUAP) for an ETA.

<p><u>Example 5</u>: product based on plant or animal fibres</p>  <p>Certified thermal insulation material No. YY/XXX/CCC - R<sub>D</sub> = <a href="http://www.acermi.com">www.acermi.com</a></p>	<p><u>Example 6</u>: reflective product</p>  <p>Certified reflective product No. YY/XXX/CCC - R<sub>D</sub> = - Emissivity ε<sub>D</sub>= <a href="http://www.acermi.com">www.acermi.com</a></p>
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Exemple 7 : panneau isolant sous vide

CERTIFICAT ACERMI <a href="http://www.acermi.com">www.acermi.com</a> PANNEAU ISOLANT SOUS VIDE AA/XXX/YYY				
- $\lambda_D =$ en W / (m.K)				
Epaisseur (mm)	Dimensions (Longueur x Largeur) (mm)	$\Psi_D$ sans pli (W/ (m.K))	$\Psi_D$ avec pli (W/ (m.K))	$R_p$ (m <sup>2</sup> .K/W)
N.B: The thermal resistance of the certified panel takes into account the dimensions (length, width) and internal thermal bridges due to the coating. The specifications in the Technical Approvals of the current process detail the other thermal bridges of the envelope (list of Technical Approvals available on the website <a href="http://www.ccfat.fr">www.ccfat.fr</a> ).				

**3.2 Bulk thermal insulation materials for buildings**

The marking statements are supplemented by:

1. The statement "CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS"
2. For products which do not come under a harmonised European standard or by an ETA with declaration of thermal resistance, the table giving the certified thermal resistance values R according to the thickness to be installed. These values are associated with the minimum number of bags to be used for 100 m<sup>2</sup>. For practical reasons relating to the size of the label, this table may not include all the lines appearing on the certificate.

The thermal resistance values are associated with a density range.

3. If applicable, the certified thermal conductivity " $\lambda_D =$  "
4. "N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m<sup>2</sup> of surface area covered and the prescriptions laid out in the valid Technical Assessment or the Technical Application Document for the procedure (list of Technical Approvals available on the website [www.ccfat.fr](http://www.ccfat.fr))."

The minimum number of bags for 100 m<sup>2</sup> is always rounded up to the next full bag.

The minimum dimensions of these markings are **150 mm x 150 mm**. Any increase in these dimensions must ensure that the proportions are the same. The print colour for these labels is not specified.



**3.2.1 Products coming under a harmonised European standard or a European Technical Approval (ETA) with declaration of the thermal resistance**

<p><b>ACERMI CERTIFICATE</b></p> <p>www.acermi.com</p> <p>CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS</p> <p>YY/XXX/CCC</p>	
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N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m<sup>2</sup> of surface area covered and the prescriptions laid out in the valid Technical Application Document for the procedure (list of Technical Approvals and Technical Application Documents available on the website [www.ccfat.fr](http://www.ccfat.fr)).

**3.2.2 Products which do not come under a harmonised European standard or coming under a European Technical Approval (ETA) without declaration of thermal resistance or coming under a Technical Assessment or a Technical Application Document.**

<p><b>ACERMI CERTIFICATE</b></p> <p>www.acermi.com</p> <p>CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS</p> <p>YY/XXX/CCC</p>	
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(density range 1)				(density range 2)		
- $\lambda_D =$ - Settling: If				- $\lambda_D =$		
R (m <sup>2</sup> .K/W)	Thickness after settling (mm)	Minimum thickness to be installed (mm)	Minimum number of bags for 100 m <sup>2</sup>	R (m <sup>2</sup> .K/W)	Thickness to be installed = Thickness of the cavity (mm)	Minimum number of bags for 100 m <sup>2</sup>

N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m<sup>2</sup> of surface area covered and the prescriptions laid out in the valid Technical Assessment or Technical Application Document for the procedure (list of Technical Approvals and Technical Application Documents available on the website [www.ccfat.fr](http://www.ccfat.fr)).





### 3.3 Thermal insulation materials for spraying in buildings

The marking statements are supplemented by:

1. The statement "CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS"
2. The table giving the certified thermal resistance values  $R$  associated with the minimum thickness installed and a density range. For practical reasons relating to the size of the label, this table may not include all the lines appearing on the certificate.
3. The certified thermal conductivity " $\lambda_D =$  "
4. Other certified characteristics (Euroclass, cohesion, acoustic absorption, etc.)
5. Additional information: Factory, primer, type of impregnation
6. "N.B. the certified thermal resistance  $R$  can only be obtained by strictly respecting both the thickness, density and minimum number of bags for 100 m<sup>2</sup> of surface area covered, and the prescriptions laid out in the DTU guidelines 27.1."

The minimum number of bags for 100 m<sup>2</sup> is always rounded up to the next full bag.

The minimum dimensions of these markings are 150 mm x 150 mm. Any increase in these dimensions must ensure that the proportions are the same. The print colour for these labels is not specified.



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**3.3.1 Products which come under ETA guideline No.018, parts 1 and 3**


<h1 style="margin: 0;">CE<sup>1</sup></h1> <p style="margin: 0;">Number of the notified body</p>					
Name of the manufacturer or its representative Address of the manufacturer or its representative Last two digits of the year in which CE marking was awarded CE number					
ETA number ETAG 018, part 1 and 3, p.42					
<b>ACERMI CERTIFICATE</b> www.acermi.com CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS YY/XXX/CCC					
(density range 1) - $\lambda_D =$			(density range 2) - $\lambda_D =$		
R (m <sup>2</sup> .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m <sup>2</sup>	R (m <sup>2</sup> .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m <sup>2</sup>
Cohesion / adhesion Euroclass Acoustic absorption					
Factory Primer family Type of impregnation					
"N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness, density and minimum number of bags for 100 m <sup>2</sup> of surface area covered, and the prescriptions laid out in the DTU guidelines 27.1.					

<sup>1</sup> The CE marking must comply with the ETAG



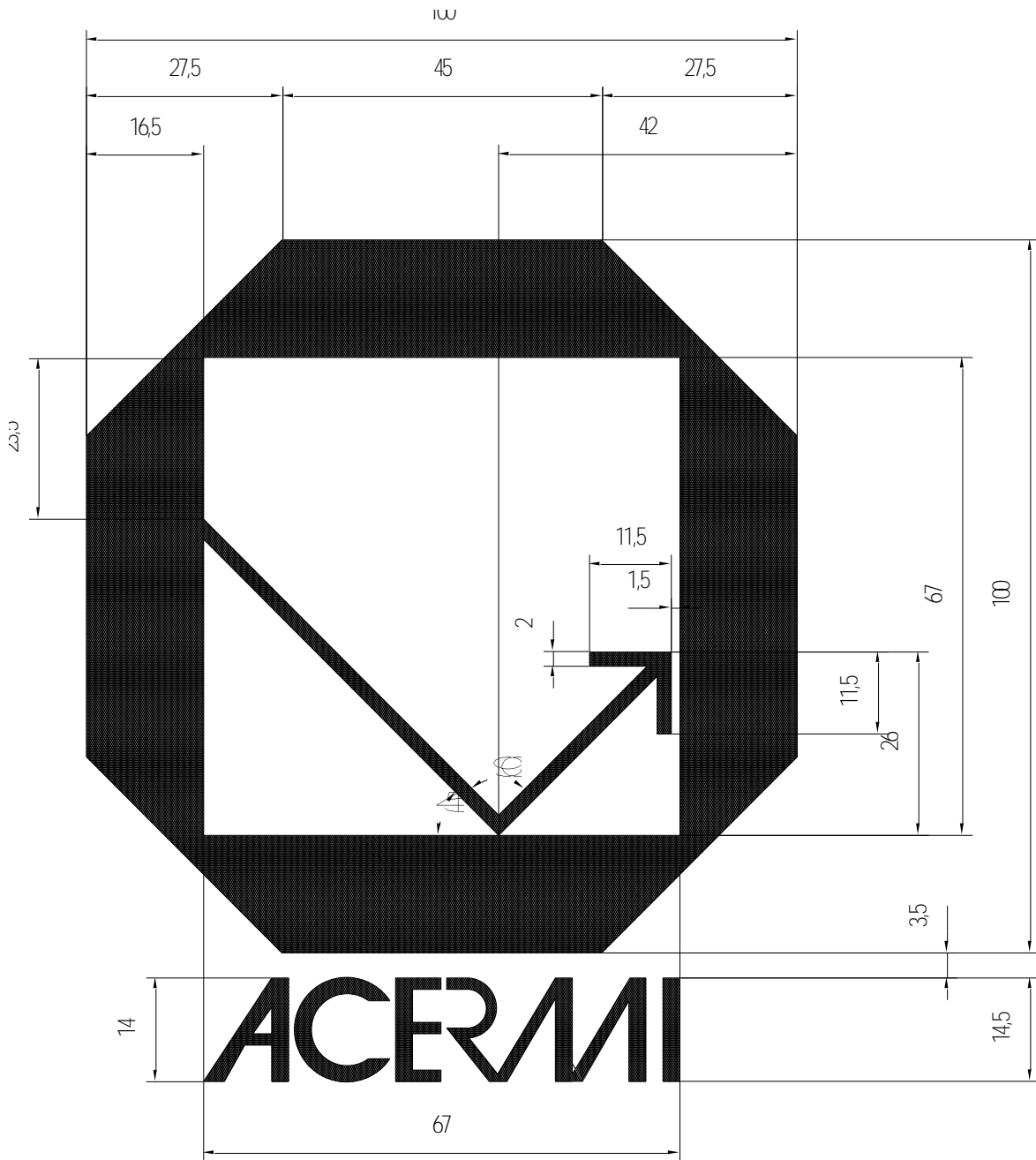
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**3.3.2 Products which do not come under ETA guideline No.018, parts 1 and 3**

<p><b>ACERMI CERTIFICATE</b></p> <p>www.acermi.com</p> <p>CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS</p> <p>YY/XXX/CCC</p>						
(density range 1)			(density range 2)			
- $\lambda_D$ =			- $\lambda_D$ =			
R (m <sup>2</sup> .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m <sup>2</sup>	R (m <sup>2</sup> .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m <sup>2</sup>	
Cohesion / adhesion Euroclass Acoustic absorption						
Factory Primer family Type of impregnation  "N.B. the certified thermal resistance R can only be obtained by strictly respecting the thickness, density, and minimum number of bags for 100 m <sup>2</sup> of surface area covered, and the prescriptions laid out in the DTU guidelines 27.1.						



## 4 ACERMI logo - dimensions



N.B. the ACERMI lead members can supply a model for the logo by request in electronic format.