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Technical Specification D

Marking Rules



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1 ACERMI certificate

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

For all certified products, the "Association pour la Certification des Matériaux Isolants" (ACERMI) establishes a certificate indicating the data related to the certified product(s) and the company holding the certificate. This certificate is the document through which the "Association pour la Certification des Matériaux Isolants" delivers the right to use the ACERMI mark, and refer to the ACERMI certification to an applicant, who thus becomes holder.

This right is formally awarded when the certificate is issued, and it continues until a suspension, or a withdrawal is pronounced by the certification committee, or by the pilot member as a precautionary measure, according to §9.2 of the General Rules.

As a result of the aforementioned rules, using the mark, or referring to the ACERMI mark in any advertising document (sales leaflets, webpages, technical datasheets, etc.) is forbidden whenever it is not delivered through a certificate in the above cases:

- A certification request is ongoing, and has not led a fully issued certificate, whichever the reason may be. Under such circumstances, the use of mentions such as "ongoing ACERMI" or "ongoing ACERMI certification request" is forbidden.
- Participation in studies, and/or working groups of the ACERMI Association aiming at creating or modifying an ACERMI rule, technical specification or guideline.
- Whenever the certificate is suspended or withdrawn.
- Whenever the applicant has performed tests and/or audits in a pilot member laboratory (LNE or CSTB), according to the ACERMI rules, methods, in the frame of an ACERMI certification request that is not fully achieved (that is, no certificate has been formally issued by the ACERMI Association). In such case, the applicant can refer to the test and/or audit results, but it is not authorized to refer to an ACERMI certification.
- Whenever the ACERMI certificate is suspended, or withdrawn, and the former holder has performed tests and/or audits in a pilot member laboratory (LNE or CSTB), according to the ACERMI rules, methods, in the frame of an ACERMI certification. In such case, the applicant can refer to the test and/or audit results, but it is not authorized to refer to an ACERMI certification.

In the case of the manufacturer and/or the distributor has/have the right to use the ACERMI mark (a certificate is currently valid for the product, or the product range, described in the certificate), it/they may communicate about the certificate, through any media (paper or digital-based) the following way:

ACERMI certificate n°....

Name of the product, or product range covered by the certificate

Specifications covered by the certificate, accompanied by the certified values



3 Information label

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.

The label indicates the thermal conductivity and the thermal resistance whenever applicable.

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. For reflective products, the emissivity values "Emissivity $\epsilon_D =$ " and the thermal resistance
4. If applicable, the valid Technical Assessment or Technical Application Document

SC1 or SC2 indication, accompanied by the letter a or b, the index and characteristics A or Ch, whenever certified, is optional.

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 www.acermi.com</p>	<p><u>Example 2</u></p>  <p>Certified thermal insulation material No. YY/XXX/CCC SC2 a_i A Ch certified www.acermi.com</p>
<p><u>Example 3</u></p>  <p>Certified thermal insulation material N°YY/XXX/CCC Certified ISOLE profile R_{cs} ; d_s mini ; d_s maxi SC2 a_i A Ch certified www.acermi.com</p>	<p><u>Example 4</u></p>  <p>Certified reflective thermal insulation material No. YY/XXX/CCC Emissivity ε_D= www.acermi.com</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_D = www.acermi.com</p>	<p><u>Example 6</u>: reflective product</p>  <p>Certified reflective product No. YY/XXX/CCC - R_D = - Emissivity ε_D= www.acermi.com</p>
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Exemple 7 : panneau isolant sous vide

CERTIFICAT ACERMI www.acermi.com PANNEAU ISOLANT SOUS VIDE AA/XXX/YYY				
$\lambda_D =$ en W / (m.K)				
Epaisseur (mm)	Dimensions (Longueur x Largeur) (mm)	Ψ_D sans pli (W/ (m.K))	Ψ_D avec pli (W/ (m.K))	R_p (m ² .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 www.ccfat.fr).				

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 m². 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. For products which application is covered by a DTU "N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² of surface area covered and the prescriptions laid out in the NF DTU 45.11."

For products which application is not covered by a DTU "N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² 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)."



For products which have 2 applications or more, which are covered by a DTU and a Technical Assessment "N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² of surface area covered and the prescriptions laid out, depending on the application, either in the DTU 45.11, or in the valid Technical Assessment or the Technical Application Document for the procedure (list of Technical Approvals available on the website www.ccfat.fr)."

The minimum number of bags for 100 m² 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>ACERMI CERTIFICATE www.acermi.com CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS YY/XXX/CCC</p>	
<p>N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² of surface area covered and the prescriptions laid out in the NF DTU 45.11.</p> <p><i>Or</i></p> <p>N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² 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).</p> <p><i>Or</i></p> <p>N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² of surface area covered and the prescriptions laid out, depending on the application, either in the DTU 45.11, or in the valid Technical Assessment or the Technical Application Document for the procedure (list of Technical Approvals available on the website www.ccfat.fr).</p>	



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.

ACERMI CERTIFICATE www.acermi.com CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS YY/XXX/CCC				 ACERMI		
(density range 1)				(density range 2)		
- $\lambda_D =$				- $\lambda_D =$		
- Settling: If						
R (m ² .K/W)	Thickness after settling (mm)	Minimum thickness to be installed (mm)	Minimum number of bags for 100 m ²	R (m ² .K/W)	Thickness to be installed = Thickness of the cavity (mm)	Minimum number of bags for 100 m ²
<p>N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² of surface area covered and the prescriptions laid out in the NF DTU 45.11.</p> <p><i>Or</i></p> <p>N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² 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).</p> <p><i>Or</i></p> <p>N.B. the certified thermal resistance R can only be obtained by strictly respecting both the thickness and minimum number of bags for 100 m² of surface area covered and the prescriptions laid out, depending on the application, either in the DTU 45.11, or in the valid Technical Assessment or the Technical Application Document for the procedure (list of Technical Approvals available on the website www.ccfat.fr).</p>						



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 m² of surface area covered, and the prescriptions laid out in the DTU guidelines 27.1."

The minimum number of bags for 100 m² 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.



3.3.1 Products which come under EAD (European Assessment Document) 350140-00-1106 or ETA guideline No.018, parts 1 and 3

<h1 style="margin: 0;">CE¹</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 EAD 350140-00-1106 or ETAG 018, part 1 and 3, p.42					
ACERMI CERTIFICATE 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 ² .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m ²	R (m ² .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m ²
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 ² of surface area covered, and the prescriptions laid out in the DTU guidelines 27.1. <i>Or</i> 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 ² 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).					

¹ 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>ACERMI CERTIFICATE www.acermi.com CERTIFIED BULK THERMAL INSULATION MATERIAL FOR BUILDINGS YY/XXX/CCC</p>						
(density range 1)			(density range 2)			
- λ_D =			- λ_D =			
R (m ² .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m ²	R (m ² .K/W)	Thickness to be installed (mm)	Minimum number of bags for 100 m ²	
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 ² of surface area covered, and the prescriptions laid out in the DTU guidelines 27.1. <i>Or</i> 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 ² 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).						

