



CENTRE SCIENTIFIQUE ET TECHNIQUE
DU BÂTIMENT
Certifying Body

84 avenue Jean Jaurès
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CERTIFICATION REFERENCE SYSTEM FOR THE CERTIFIÉ CSTB CERTIFIED MARK


SPECIFIC REQUIREMENTS regarding THERMOPLASTIC PIPING ADHESIVES

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This Certification Reference System was approved by the CSTB Technical Department on 23/03/2016.

It cancels and replaces all previous versions.

CSTB undertakes, with the representatives of manufacturers, users and technical experts, to ensure the relevance of these Specific Requirements in terms of the certification process and of the definitions of the requirements with relation to market developments.

The Specific Requirements may therefore be revised, in whole or in part, by CSTB, after the interested parties have been consulted in accordance with the requirements of Standard NF X 50-067.

MODIFICATION HISTORY

Part modified	Revision No.	Application date	Changes made
The whole document	00	10/06/2010	Creation of the Specific Requirements
	01	02/05/2016	<ul style="list-style-type: none">- page 23/44: length of time samples are kept during admission to the mark- page 37/44: distributor's commitment sheet aiming to validate a unique trade name on products from multiple manufacturers

Part 1 OVERVIEW AND SCOPE

1.1 YOUR EXPECTATIONS

The purpose of this certification reference system is to specify the practical measures for application of the General Requirements of CERTIFIÉ CSTB CERTIFIED certification in the specific case of Thermoplastic piping adhesives.

At this time, they only concern adhesives for PVC-U piping, in accordance with the requirements of Standard NF EN 14814, intended for use in fluid conveyance systems for the following applications:

- Water distribution systems under pressure, inside buildings,
- Water supply systems in the cases authorised by Leaflet 71: General technical specifications applicable to “supply and installation of water supply and distribution pipes” public works contracts and the appendices thereof,
- Water drainage networks and connections,
- Buried networks of telecommunications lines using unplasticised PVC-U pipes, in accordance with Standard NF T 54-018.

The field of application for this certification covers two classes of products:

- Adhesives for assembling PVC piping suitable for drinking water*: adhesives meeting the French regulations for materials that could come into contact with water intended for human consumption, set out in Part 3, Paragraph 3.3 of this reference system.
- Adhesives for assembling PVC piping for applications other than those concerning drinking water;
 - adhesives whose conformity to French regulations regarding materials that could come into contact with water intended for human consumption was not verified,
 - adhesives that do not satisfy French regulations regarding materials that could come into contact with water intended for human consumption.

In the absence of European regulations, the product classes defined above make it possible to meet French regulations.

* in all documents relating to this certification, when the phrases “drinking water” or “potable water” are used, they refer to: water intended for human consumption.

Any legal entity manufacturing products covered under the field of application defined above and able to meet the technical requirements described in Parts 3 and 4 of these Specific Requirements may request the right to use the CERTIFIÉ CSTB CERTIFIED mark.

Such a request is called an “application” and the entity initiating it is referred to as the “applicant”.

The certification contract contains the completed and signed application letter and, where applicable, the signed quote(s).

The contract is subject to French law. In the event of any difficulties in the interpretation, execution or validity of the contract, and except for emergency circumstances justifying the intervention of competent jurisdiction to decide in the area, the parties will strive to resolve their differences amicably.

If the parties are unable to resolve their differences within three (3) months of their emergence, the dispute will be taken by the most diligent party before the competent French courts.

The contract is concluded for an unlimited term. It may be terminated according to the conditions specified in Article 17 of the General Requirements for the CERTIFIÉ CSTB CERTIFIED mark.

1.2 WHAT WE PROVIDE

The CERTIFIÉ CSTB CERTIFIED mark, in general

The CERTIFIÉ CSTB CERTIFIED mark is a mark designed to add value to safe, high-quality products with proven usage value. This mark could apply to the provision of services associated with these products. To meet the requirements of the CERTIFIÉ CSTB CERTIFIED mark is to meet the expectations of the market and of its customers, being directly or indirectly associated with the preparation of the reference systems.

The CERTIFIÉ CSTB CERTIFIED mark is the property of CSTB (Centre Scientifique et Technique du Bâtiment). It is a collective certification mark, the use of which is authorised under the conditions set out in a reference system composed of General Requirements and these Specific Requirements.

Applying for the CERTIFIÉ CSTB CERTIFIED mark for its products is in line with any company's efforts to advance and to make progress.

The commitments of the certifying body: impartiality, competence, reliability

CSTB is an impartial organisation that provides its technical skills in terms of certification: evaluation of products and services as well as organisation and quality management control.

It is accredited by the COFRAC for its certification activities.

The CERTIFIÉ CSTB CERTIFIED mark applied to your product

The CERTIFIÉ CSTB CERTIFIED mark for your products is proof of:

- their compliance with regulations and technical specifications;
- quality control of their manufacturing.

The provisions concerning the use of the CERTIFIÉ CSTB CERTIFIED mark are described in Part 4 of these Specific Requirements.

Who is to be contacted?

CSTB

Direction "Hydraulique et Equipements Sanitaires"
Division "Canalisations, Fluides et Matériaux"

84 avenue Jean Jaurès – CHAMPS SUR MARNE
77447 MARNE LA VALLEE CEDEX 2

Your contact: Mr Joël Quillerou
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Part 2

THE STAKEHOLDERS

The organisations that are involved in the certification procedure and in monitoring products certified as CERTIFIÉ CSTB CERTIFIED are specified below.

2.1 CERTIFYING BODY

Centre Scientifique et Technique du Bâtiment (CSTB)

84 avenue Jean Jaurès
Champs sur Marne
F-77447 MARNE LA VALLEE CEDEX 2

As a certifying body, CSTB takes responsibility for applying these Specific Requirements.

2.2 TEST AND AUDIT BODY

The audit functions for the manufacturing unit and tests in the laboratory of the Mark and, as the case may be, on the utilisation and distribution premises, are carried out by the following organisation, designated the audit body:

Centre Scientifique et Technique du Bâtiment (CSTB)

Direction “Hydraulique et Equipements Sanitaires”
Division “Canalisations, Fluides et Matériaux”

84 avenue Jean Jaurès
Champs sur Marne
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📠: +33 (0)1 64 68 84 44

The auditors have the inspection right on the premises of any applicant or holder within the framework of their task.

2.3 SUBCONTRACTING

When necessary, after approval by the Specific Committee, the various functions described in Paragraph 0 shall be able to be carried out by other audit bodies or laboratories with which CSTB will have signed a subcontract.

2.4 SPECIFIC COMMITTEE

In application of Paragraph 6.3 of the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark, a consultative authority is established called the Specific Committee, the secretariat of which is provided by CSTB.

It is composed as follows:

A President (member of one of the colleges specified below and appointed by the CSTB's Technical Director).

A Vice-President (representative of CSTB).

MANUFACTURERS: 2 to 4 people chosen from among industrialist holders.

USERS/SPECIFIERS: 2 to 4 people.

TECHNICAL AND ADMINISTRATIVE BODIES: 2 to 4 people.

The Specific Committee issues decision notifications and its members shall be precluded from receiving any remuneration for the functions entrusted to them.

The members of the Specific Committee commit to keeping all information communicated to them confidential, particularly that which is individual in nature. CSTB takes special measures to ensure the confidentiality of the applicants' or holders' dossiers submitted to the Committee.

Should the member-holder be absent, each representative may designate a substitute.

Part 3

THE REFERENCE SYSTEMS

The certification scheme relating to certification of Adhesives for PVC piping contains this certification reference system, which references:

- the General Requirements for the CERTIFIÉ CSTB CERTIFIED mark, which set out the structure and the conditions for use of the mark,
- the additional technical specifications and standards.

This certification reference system is consonant with the framework of the certification of products and services other than alimentary, as provided for in the Consumer Code (Articles R 115-1 to R 115-3 and L 115-27 to L 115-32). It specifies the conditions for applying the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark to the products listed in Part 1.

The right to use CERTIFIÉ CSTB CERTIFIED certification is granted based on conformity to standards and, generally speaking, to all the reference systems defined in this part, for a product from a designated holder and from a designated production unit.

3.1 CERTIFIÉ CSTB CERTIFIED CERTIFICATION GENERAL REQUIREMENTS

The CERTIFIÉ CSTB CERTIFIED mark is a registered trademark with General Requirements defining the general procedures for granting and renewing the right to use the mark.

3.2 CERTIFIÉ CSTB CERTIFIED CERTIFICATION SPECIFIC REQUIREMENTS

These Specific Requirements specify the conditions for applying the CERTIFIÉ CSTB CERTIFIED certification General Requirements to products defined in Part 1.

3.3 REGULATIONS

3.3.1 Coexistence with CE marking

The granting of the right to use the CERTIFIÉ CSTB CERTIFIED mark shall in no case substitute CSTB's responsibility for the responsibility that is legally incumbent upon the company that holds the right to use the CERTIFIÉ CSTB CERTIFIED mark.

As regards the regulatory requirements covered by this certification reference system, applicants/holders shall submit to the certifying body, during the certification audits, the documentary evidence defined in the regulations and attesting to the compliance of their product with the regulatory requirements.

Note: if the documentary evidence is not handled or available on the site where the audit is being conducted, this evidence shall be submitted to the certifying body, using any appropriate means, before the certifying body ends its assessment.

Applicants/holders are held responsible to the certifying body for any inaccurate, deceptive and/or non-compliant documentary evidence with regard to the definition of documentary evidence as laid down in the regulations.

The certifying body's tasks do not lie in proving conformity of a product to the regulatory requirements listed in this document. These tasks are strictly incumbent upon the bodies approved by the authorities in charge of applying each of the regulations concerned.

Listed below are the regulations applicable to launching products on the French market and for which the applicants/holders shall submit to the certifying body a document attesting to the conformity of their products with the regulations.

Regulations	Documentary evidence required
EU Construction Products Regulation (CPR) no. 305/2011 and Decree 2012-1489 of 27 December 2012 Regulation (CE) no. 765/2008 of the European Parliament and Council of 9 July 2008	- Declaration of performance
In the case of “Adhesives for assembling PVC piping suitable for drinking water”: Decree of 29 May 1997, modified, and circulars from the Department of Health DGS/VS4 no. 99/217 of 12 April 1999 and DGS/VS4 no. 2000/232 of 27 April 2000 as well as the notice appearing in the Official Journal of 24 February 2010 (text no. 119)	- Conformity with the positive reference lists

3.3.2 Example of marking



Labels on packaging must permanently comply with regulations in force concerning this type of product.

In the case of “Adhesives for assembling PVC piping suitable for drinking water”, the French regulations concerning materials that could come into contact with water intended for human consumption (Article 5.1 of the Decree of 29 May 1997) must be followed. At this time, it imposes compliance of components with the positive lists.

3.4 COMPLEMENTARY TECHNICAL SPECIFICATIONS AND STANDARDS FOR COMPONENTS

3.4.1 Standards

For the references that indicate a date of implementation or an index, only the version cited is applicable. For references that do not indicate a date of implementation or index, the most recent version of the reference document applies (including any amendments).

The products that are covered by these Specific Requirements shall meet the requirements defined in the below standards.

NF EN 14814: June 2007: *Adhesives for thermoplastic piping systems for fluids under pressure - Specifications.*

NF EN ISO 9311-1: January 2006: *Adhesives for thermoplastic piping systems - Part 1: Determination of film properties.*

NF EN ISO 9311-2: October 2011: *Adhesives for thermoplastic piping systems - Part 2: Determination of shear strength.*

NF EN ISO 9311-3: January 2006: *Adhesives for thermoplastic piping systems - Part 3: Test method for the determination of resistance to internal pressure.*

NF EN 542: November 2003: *Adhesives – Determination of density.*

NF EN 827: March 2006: *Adhesives - Determination of conventional solids content and constant mass solids content.*

NF EN 12092: August 2002: *Adhesives - Determination of viscosity.*

NF EN ISO 15908: December 2003: *Adhesives for thermoplastic piping systems - Test method for the determination of thermal stability of adhesives.*

Standard relative to the quality management system

NF EN ISO 9001:2008, *Quality management systems – Requirements*. The quality management measures are defined in Paragraph 3.4.

3.4.2 Certified characteristics

Characteristics		Method - Reference systems	Specifications and tolerances
Dry extract		Thermogravimetry*	To be defined by the applicant/holder
Ash content		Thermogravimetry*	
Quantity of resin		Thermogravimetry*	
Quantity of solvents		Thermogravimetry*	
Viscosity	At 23°C	NF EN 12092	
Shear strength	At 23°C	NF EN ISO 9311-2 for specimens and testing equipment NF EN ISO 9311-2 3 points: drying 1 h and 24 h at 23°C and 20 d at 23°C followed by 4 d at 60°C (see Appendix 1: detailed test method § 10)	NF EN 14814 ≥ 0.4 MPa at 1 h ≥ 1.5 MPa at 24 h ≥ 7.0 MPa at 24 d
Short-term resistance to pressure		CSTB test protocol	Resistance ≥ 24 h at 10 bar
Long-term resistance to pressure	At 20 °C	NF EN ISO 9311-3 at 51.2 bar after 20 d at 23°C followed by 4 d at 60°C	Resistance ≥ 1000 h
	At 40 °C	NF EN ISO 9311-3 at 20.8 bar after 20 d at 23°C followed by 4 d at 60°C	Resistance ≥ 1000 h
Shelf life		Paragraph 4.4 of NF EN 14814 On containers stored in accordance with the instructions of the applicant/holder for the specified shelf life: Shear strength after drying for 1 day	≥ 1.5 MPa

*: CSTB test methods

3.5 QUALITY CONTROL PROVISIONS

3.5.1 Purpose

The applicants/holders and their distributors are each responsible with relation to the right to use the CERTIFIÉ CSTB CERTIFIED mark for the product concerned.

Applicants/holders shall implement all necessary means to guarantee that the products comply with this certification reference system at all times.

This paragraph sets the minimum measures that the applicant/holder shall implement in terms of quality management to ensure that the products that are covered by the CERTIFIÉ CSTB CERTIFIED mark are, at all times, manufactured in compliance with this certification reference system.

This paragraph constitutes the audit reference system.

The quality system depends in part on the establishment by the applicant/holder of a set of organisational measures ensuring conformity of the delivered products with the standards and complementary specifications, if applicable.

The quality requirements are defined according to 2 options, left to the choice of the applicant or holder:

3.5.2 Option 1: “Quality MANAGEMENT”

The “Quality management” option relies on the applicant’s/holder’s system being certified as being in conformity with the ISO 9001: 2008 quality management model.

3.5.3 Option 2: “Quality control”

The “Quality control” option relies in part on the establishment by the manufacturer of a series of organisational measures ensuring the conformity of the delivered products with standards and complementary specifications, if conformity of the quality system is not certified.

3.5.4 Minimum requirements for quality management

Applicants/holders must have implemented their own ways and means. The existence and effectiveness of these ways and means are assessed using the applicable requirements of Standard NF EN ISO 9001:2008 (see Table 1).

Table 1

Standard §	Requirement	Applicable
4.1	General requirements	× for the processes used in creating the product (except from ISO 9001:2008)
4.2	Documentation requirements	× for the processes used in creating the product
5.1	Management's commitment	×
5.2	Customer focus	N/A
5.3	Quality policy	×
5.4	Planning	N/A
5.5	Responsibility, authority and communication	× excepting 5.5.3 for the processes used in creating the product
5.6	Management review	× for the processes used in creating the product
6.2	Human resources	× for individuals in charge of inspection or with a direct impact on product creation
6.3	Infrastructure	× for the processes used in creating the product
6.4	Work environment	× for the processes used in creating the product
7.1	Planning of product completion	×
7.2	Customer-related processes	N/A
7.3	Design and development	N/A
7.4	Purchasing	×
7.5	Production and preparation of the service	
7.5.1	Control of production and preparation of the service	×
7.5.2	Validation of processes for production and preparation of the service	×
7.5.3	Identification and traceability	×
7.5.4	Customer property	N/A
7.5.5	Preservation of the product	×
7.6	Control of monitoring and measuring equipment	×
8.2	Monitoring and measuring	
8.2.1	Customer satisfaction	N/A
8.2.2	Internal audit	N/A
8.2.3	Monitoring and measuring processes	×
8.2.4	Monitoring and measuring the product	×
8.3	Control of the nonconforming product	×
8.3 b)		N/A
8.4	Data analysis	N/A
8.5	Improvement	
8.5.1	Continuous improvement	N/A
8.5.2	Corrective action	×
8.5.3	Preventive action	×

(N/A = not applicable, × = applicable)

In addition, the applicants/holders shall make provision for the recording and processing of customer complaints in their quality management systems.

A customer complaint register shall be kept and shall mention how the complaints are being dealt with. The applicant's/holder's register shall comprise the following:

- a record of all complaints and actions;
- a record of actions taken;
- a record of the corrective measures adopted when the complaints have revealed a production anomaly.

For admission audits, all the compulsory requirements listed in Table 1 must be audited.

As part of follow-up, the auditor determines the points to be audited based upon the previous audit reports and on any modifications made to the system since the last audit and in compliance with the following principles:

- Paragraphs 7.5.3, 7.6, 8.2.4, 8.5.2 and 8.5.3 must be systematically audited along with the register of customer complaints.
- all the other requirements in the field of quality management shall be checked for the 3-year period.

Follow-up audits can be simplified for companies with a certified quality management system compliant with the NF EN ISO 9001:2008 standard, on the condition that:

- the ISO certificate includes within its scope and domain the sites and activities covered by the CERTIFIÉ CSTB CERTIFIED mark;
- the ISO certificate is issued by a certifying body accredited by an EA (European cooperation for Accreditation) member; see the list of signatories on the COFRAC website (www.cofrac.fr): the simplification can be implemented when the certificate is sent to CSTB.

In the event of simplification, the complaints register must be systematically verified and verification of the quality management system is limited to Paragraphs 4.2.4, 6.2, 6.3, 7.5.3, 7.6, 8.2 and 8.5.

In all cases, this reduction can be called into question if the conditions according to which the reduction was accepted are no longer respected.

3.5.5 Requirements specific to the products

3.5.5.1 General

The applicant/holder shall possess the necessary ways and means for the checks and tests defined by the technical specifications mentioned in Paragraph 0 of these Specific Requirements.

The applicant/holder commits to carrying out reliable and regular verification of their production. The verification operations are organised in three phases as follows:

- Operations concerning product components;
- Operations carried out during production;
- Checks and tests carried out on finished products.

The nature and frequency of the checks are specified below for each of the inspection phases.

3.5.5.2 Inspection of the product's components

The applicants/holders shall carry out a verification operation at reception and, in any case, before use, on all the components entering into the manufacture of their certified products.

This “reception” internal quality assurance operation set up by the applicant/holder shall cover:

- the inspection methods for products upon reception that assess conformities and/or regularities in relation to the expected characteristics,
- including, as applicable, collection rules for product samples.

This inspection covers all control actions carried out by the supplier. For example: compliance sheet issued after a systematic control prior to delivery, which the applicant/holder requires the supplier to perform, supplier certified according to Standard NF EN ISO 9001: 2008 for relevant products or certified supplies.

3.5.5.3 Inspection during production

An in-production inspection must be organised by the applicant/holder. It concerns the product in its intermediate states at the main stages of manufacturing and the monitoring of the production equipment's set points. Verification instructions shall be formalised and made available to the operators.

The results of those verifications shall be recorded upon each check.

3.5.5.4 Checks and tests on finished products

Applicants/holders shall check the characteristics of the finished products before their delivery. They are responsible for organising this verification.

The checks and tests on the Adhesives for PVC piping conducted by the applicant/holder are carried out in accordance with the standards in these Specific Requirements.

The various controlled characteristics are measured using the operating procedures specified in the reference standards mentioned in Paragraph 0 of these Specific Requirements.

The inspections conducted on finished products are carried out by applicants/holders themselves at the production site.

Finished product inspection

Applicants/holders must take random samples at the end of the production line and carry out the checks and tests on these products. Samples taken must be representative of the various products covered by the mark.

The method for collecting the samples required for testing must be clearly specified in the applicant's/holder's quality plan and must not be left to the sole discretion of the operator.

Applicants/holders may subcontract the testing to an external laboratory, on the condition that a contract for this is put in place. This may only be completed if the following conditions are met:

- Subcontracting the tests does not result in a disruption to the production process (due to wait time for results, for example);
- The conditions for subcontracting tests are formalised in the holder's quality plans or in the contract and must define the testing frequency, the requested wait times for results, the notification of results in writing, the procedure in the case of non-compliant results and the type of equipment used;
- The subcontractors' laboratory where the test is carried out must be accredited according to Standard NF EN ISO/CEI 17025, otherwise the party requesting the test must ensure that the equipment used is compliant (calibration, test configuration, etc.) and that the staff carrying out the test have the necessary skills.

Applicants/holders shall record the results of the controls.

Should results be non-compliant, the applicant's/holder's internal procedures regarding processing of non-conformities and implementation of corrective actions must be applied.

3.5.5.5 Utilising the results

The test results shall be utilised by the operator or the supervisor to whom he/she remits them so as to verify, as a minimum, the compliance or non-compliance with the internal specifications and with the specifications of these Specific Requirements.

3.5.5.6 Quality requirements: minimal frequencies of control testing

The tests specified in this table are to be carried out with the number of test specimens provided for in the testing standards, unless otherwise specified in the table.

Measurements or Tests		Minimum sampling frequency
Dry extract		Once/batch (BRT)
Ash content		Type testing: each time the formulation is changed (ITT)
Quantity of resin		Type testing: each time the formulation is changed (ITT)
Quantity of solvents		Type testing: each time the formulation is changed (ITT)
Viscosity	At 23°C	Once/batch (BRT)
Shear strength	At 23°C 1 h	Once/batch (BRT)
	At 23°C 24 h	Once/year
	At 23°C for 20 days followed by 4 days at 60°C	Once/year
Short-term resistance to pressure		Type testing: each time the formulation is changed (ITT)
Long-term resistance to pressure	20°C > 1000 h	Once/year
	40°C > 1000 h	Once/year
Shelf life		Once/year

ITT: Initial Type Test


BRT: Batch Release Test

Applicants/holders shall specify a batch size or campaign in their internal procedures.

Failure to respect the frequency of testing through subcontracting in an external laboratory is considered a non-critical deviation.


Part 4 MARKING

Marking is an integral part of the certification of a product.


Beyond the identification of a certified product and its traceability, the marking of a product with the  logo ensures improved defence of the mark and facilitates legal actions and convictions in cases of fraudulent imitations.

Furthermore, the listing of the main certified characteristics represents an advantage for consumers and enhances the value of certification and its content.

4.1 THE LOGO

The  logo shall ensure the identification of every certified product.

The trade reference of the certified product must be reserved for the CERTIFIÉ CSTB CERTIFIED mark.

The holder must not use the  logo except to single out certified products without there being any risk of confusion whatsoever with other products.

The  logo shall be reproduced in conformity with the graphic charter.

The graphic tools for the logo are available from CSTB (see contact in Paragraph 1.2 “WHAT WE ARE PROVIDING”).

Holders are advised to submit all documents in which the CERTIFIÉ CSTB CERTIFIED mark is mentioned to CSTB beforehand.

4.2 REFERENCE TEXTS

Regulations: a desire for transparency

The communication of information regarding product and service certification is governed by regulations. The goal of all such regulations is to make the meaning of the labels, certification marks, etc. transparent for consumers and users.

Thus, Article R 115-2 of the Consumer Code stipulates that:

“When reference is made to certification in an advertisement, the labelling or the presentation of any product or service and on commercial documents of all types referring thereto, the following information must be brought to the knowledge of the consumer or the user:


- The name or corporate name of the certification body or the collective certification mark;
- The name of the certification reference system used;
- The terms and conditions under which the certification reference system may be consulted or obtained.”

The General Requirements of the CERTIFIÉ CSTB CERTIFIED mark

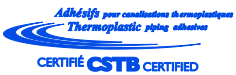

The purpose of the marking terms and conditions described hereafter is to guide the holder so as to ensure compliance with regulatory requirements and CERTIFIÉ CSTB CERTIFIED certification requirements. Articles 3, 6, 7 and 10 of the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark specify the conditions of use and validity as well as the procedures for wrongful use penalties.

The holder shall not use the CERTIFIÉ CSTB CERTIFIED mark in documents except to single out certified products, without there being any risk of confusion, whatsoever, with non-certified products.

4.3 THE MARKING PROCEDURES

This paragraph describes both the  logo affixing procedures and the marking of the certified characteristics. A “certified characteristic” is any information that is controlled as part of the CERTIFIÉ CSTB CERTIFIED mark.

It covers the following two aspects:


1. marking of the  logo on the product with CERTIFIÉ CSTB CERTIFIED certification.
2. marking the  logo on documentation and websites.

4.3.1 Marking of CERTIFIED PRODUCTS

All certified products manufactured after the date indicated on the approval of the right to use the CERTIFIÉ CSTB CERTIFIED mark (via an admission or extension procedure) and which comply with the requirements of these Specific Requirements must be marked.

4.3.1.1 Nature and frequency of marking

In addition to the regulatory legal notices, which are the responsibility of holders, marking on primary packaging must include at least the following information:

- the identification of the holder or distributor (name or symbol);
- the trade name of the product;
- the end use of the product (glue for PVC-U pipes and fittings (1));
- instructions for use;
- the drying time;
- for adhesives rated as suitable for drinking water: a specific note indicating that 24-hour drying time is required in cases where installations will be in contact with water intended for human consumption;
- the capacity;
- the use-by date (2) or a time limit for use associated with the manufacturing date;
- the  logo followed by the two last parts of the certificate number;
- traceability elements (batch number, with or without the manufacturing date);
- the symbol corresponding to the product class:
 - either the green symbol: suitable for drinking water, or
 - the red symbol: not suitable for drinking water.

(1) or any other explicit definition of the end use, left to the discretion of the holder, but which, should there be any ambiguity, shall be submitted to the opinion of the Specific Committee.

(2) if small capacity packaging is present on individual packaging, when this marking is not possible, the use-by date may appear on the individual packaging.

4.3.1.2 Placement and material form of the marking

Marking must be completed in such a way as to be visible (see § 0 and 0); this may be accomplished by means of an affixed label, among other options.

4.3.2 Logos related to SANITARY CONFORMITY

The representation of logos related to sanitary conformity and their use are defined below:



- **colours:**

Pantone green 355 C, for the logo when suitable for drinking water.

Pantone red 485 C, for the logo when not suitable for drinking water.

- **minimum size:**

any capacity \geq 500 ml: 2.5 cm x 2 cm

any capacity \geq 250 and $<$ 500 ml: 1.9 cm x 1.5 cm

any capacity $<$ 250 ml: 1.25 cm x 1 cm

- **location:**


visible location on all primary packaging.

4.3.3 Example of marking



4.3.4 Marking on documentation

(Technical and commercial documents, tags, posters, advertising, websites, etc.)

The  logo on the documentation shall be reproduced in conformity with the graphic charter.

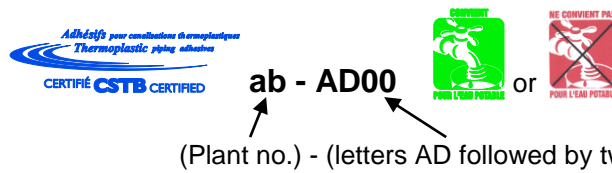
The holder shall not use the CERTIFIÉ CSTB CERTIFIED mark on any document except to single out certified products without there being any risk of confusion whatsoever. For this reason, the catalogue will include a section explaining the scope of the certificate.

Reproduction of the CERTIFIÉ CSTB CERTIFIED mark on letterhead used by the holder for correspondence is prohibited, unless the holder has been granted the CERTIFIÉ CSTB CERTIFIED mark for all products.

To correctly interpret this paragraph, it is recommended that the holder submit to CSTB all documents where the CERTIFIÉ CSTB CERTIFIED mark is mentioned.

See the example shown below:

- Reference to the Sanitary Conformity certificate:



The size balance between the CERTIFIÉ CSTB CERTIFIED and sanitary conformity logos must be respected.

4.3.5 Information concerning certified characteristics

Without prejudice to the penalties provided for in Article 8.2 of the CERTIFIÉ CSTB CERTIFIED mark General Requirements, any incorrect declaration of the certified characteristics will result in legal action against the holder for fraud and/or false advertising.

The certification reference system is available on the CSTB's website (<http://evaluation.cstb.fr>).

In application of Article R115-2 of the Consumer Code (see Paragraph 0), each piece of documentation relative to a product with CERTIFIÉ CSTB CERTIFIED certification shall take the following form:

	This mark certifies: <ul style="list-style-type: none"> - The compliance with the Specific Requirements - The characteristics below
<ul style="list-style-type: none"> - The holder's name and address (name and address of the representative in the European Economic Area, as the case may be) - Designation of the product (trademark and trade reference) - The main certified characteristics are: <ul style="list-style-type: none"> o Dry extract o Ash content o Quantity of resin o Viscosity o Shear strength o Short-term resistance to pressure o Long-term resistance to pressure o Shelf life 	

Part 5

OBTAINING CERTIFICATION

A right of use application may be:

- an initial application: is made by an applicant without the right to use the CERTIFIÉ CSTB CERTIFIED mark for the application in question. It corresponds to a product from a specific manufacturing unit, defined by a trademark, a trade reference specific to the product submitted and technical characteristics;
- a complementary admission application for a new product or for a new manufacturing unit: is made by a holder with the right to use the CERTIFIÉ CSTB CERTIFIED mark for the application in question;
- an extension application: is made by a holder with the right to use the CERTIFIÉ CSTB CERTIFIED mark for the application in question. Within a manufacturing unit, it corresponds to a significant modification to the definition of a product that is already certified (new packaging, change in formulation, etc.);
- a maintenance application: is made by a manufacturer that has the right to use the CERTIFIÉ CSTB CERTIFIED mark for the application in question for a certified product intended to be marketed by a distributor under a different brand and/or trade reference, without modifying the certified characteristics.

5.1 PREAMBLE - COMPLIANCE WITH THE LAWS AND REGULATIONS IN FORCE

5.1.1 Adhesives for assembling PVC piping suitable for drinking water

In accordance with Articles 2 and 3 of the Decree of 29 May 1997, modified, those in charge of marketing these products and operators involved in the completion of fixed installations for protection, processing and distribution of water, must have proof of their products' sanitary conformity.

The requirements are as follows:

“Materials and objects used in fixed installations for production, treatment and water distribution coming into contact water intended for human consumption:

- must not be likely to alter the quality of this water, either by conferring upon it a nature that is hazardous to health or by modifying its organoleptic, physical, chemical or microbiological properties;
- must respect the composition rules, as specified in Article 5.1 of the Decree (for organic materials, Article 5.1 requires that their formulation comply with the positive reference lists).”

At this time, as the first requirement cannot be verified, verification of conformity of an adhesive's formulation with the positive reference lists, by one of the laboratories authorised by the Ministry of Health*, is considered proof of its conformity with regulations.

*The list of authorised laboratories is available on the Ministry of Health's website.

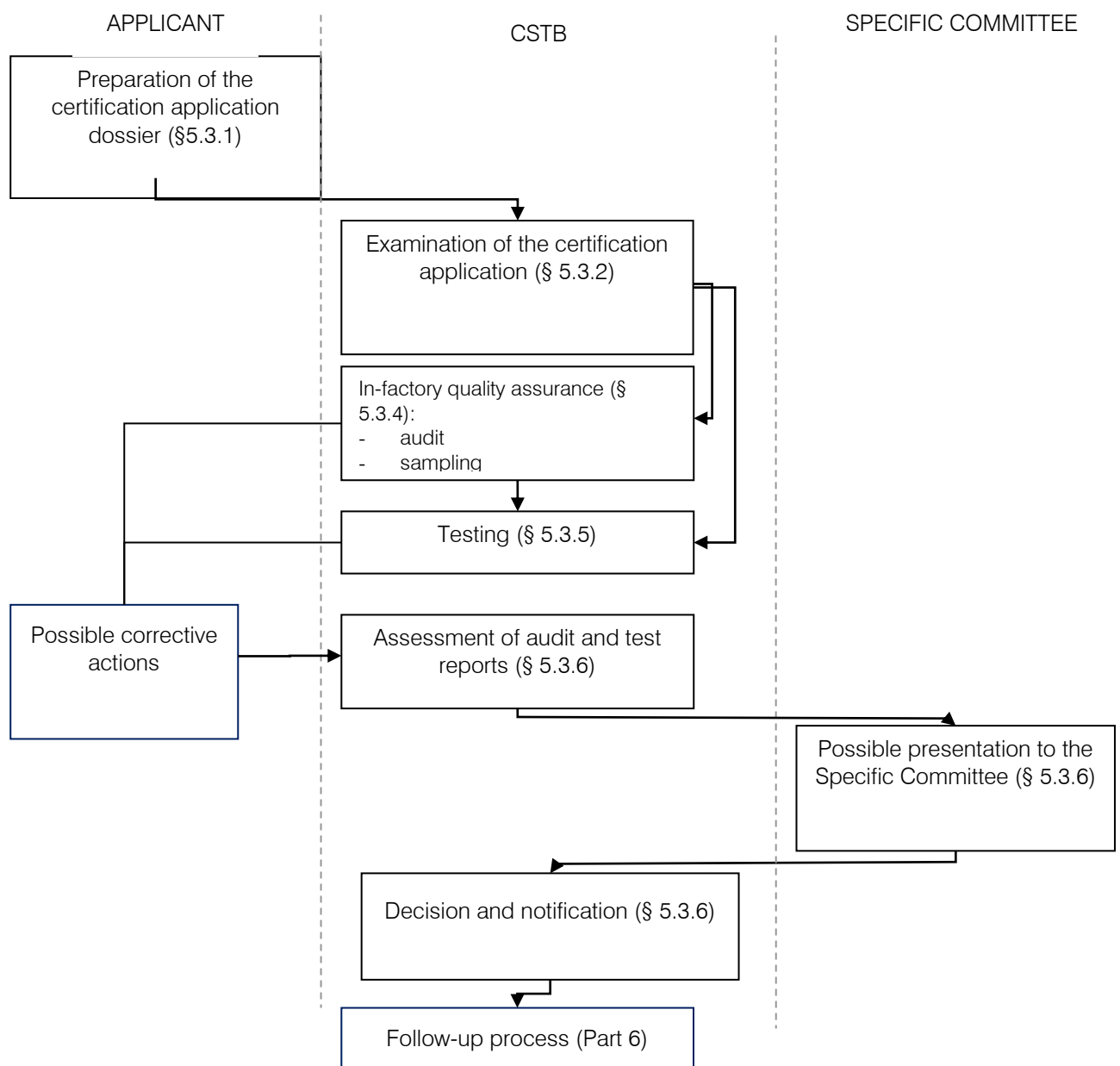
Applicants must, in support of their application, provide CSTB with a copy of the document issued by one of the laboratories authorised by the Ministry of Health attesting to the conformity of the formulation with the positive reference lists (the list of authorised laboratories is provided by CSTB upon request).

5.1.2 Adhesives for assembling PVC piping for applications other than those concerning drinking water

The product is rated as not suitable for drinking water in the two situations listed below:

- if the applicant does not claim the product is rated for use in installations coming into contact with drinking water then no verification is required;
- if the applicant claims the product is rated for use in installations coming into contact with drinking water but does not have a document issued by one of the laboratories authorised by the Ministry of Health attesting to the conformity of the formulation with the positive reference lists.

5.2 PROCESS



5.3 REGARDING AN INITIAL APPLICATION

5.3.1 Submission of the certification application dossier

Before submitting their applications, applicants shall ensure that they meet the conditions set down in these Specific Requirements, particularly parts 3 and 4, concerning their products and the manufacturing unit(s). They must undertake to meet the same conditions throughout the duration of use of the CERTIFIÉ CSTB CERTIFIED mark.

The application and the list of documents to provide in support of the application must be presented in accordance with the conditions and models given in Part 8.

When the application is received, the following procedure is initiated:

- The admissibility of the dossier;
- The implementation of the inspections;
- The assessment and the decision.

5.3.2 Assessing the admissibility of the certification application

The application can only be admitted if:

- All the documents required are attached to the request;
- The products covered by the application comply with the technical specifications set down in Part 3 of these Specific Requirements.

CSTB also makes sure that it has all the ways and means to reply to the application and it may be led to request additional information necessary for the admissibility of the dossier if the latter is incomplete.

Once the application is admissible, CSTB organises the inspections and informs the applicant of the organisational procedures (auditor, audit duration, manufacturing units, laboratories, products to be sampled, etc.).

5.3.3 Examination of the application

Examination of the application is ensured by a CSTB agent authorised for this task. It includes:

- an exam and verification of the certification application dossier;
- an admission audit of the manufacturing unit. Its purpose is to verify the internal quality assurance and production control system put in place by the applicant;
- tests at the laboratory of the CERTIFIÉ CSTB CERTIFIED Mark.

In the case of complementary admission, the examination procedure may be simplified if a new product is being produced in a manufacturing unit that already has CERTIFIÉ CSTB CERTIFIED certification. The audit of the manufacturing unit is not carried out again systematically.

5.3.4 Admission audit

The purpose of the audit is to make sure that the measures defined and implemented by the applicant in the manufacturing unit satisfy the requirements of Paragraphs 3.3 and 3.4 of these Specific Requirements.

This entails checking, before admission, the existence and effectiveness of the measures taken in terms of quality as well as product quality assurance operations by the applicant. The auditor ensures, in particular, that the requirements of the standards and specifications contained in the certification application dossier are used in the quality plan.

If the applicants subcontract part of their production, CSTB reserves the right to carry out an audit on the premises of the subcontractor(s) based on these Specific Requirements.

All the ways and means (premises, installations, equipment) enabling the auditor to carry out the assignment incumbent upon him/her, shall be freely placed at his/her disposal, along with persons qualified to implement them.

The audit generally lasts 1 day. The length of the audit may be adapted according to the risk: level of development of the quality system, organisation of the company (process, laboratory).

An opening meeting is held at the start of the audit by the auditor in order to clarify the points that will be examined and the operations that will be completed, as listed below:

- audit of the manufacturing unit (from raw materials to storing finished products) and examination of the quality assurance operations completed along the production line;
- samples taken for testing at the laboratory of the CERTIFIÉ CSTB CERTIFIED Mark;
- possible completion of tests on samples taken by the site's laboratory staff;
- examination of the raw materials records;
- examination of the storage conditions;
- examination of the production control system in accordance with Paragraph 0 of the Specific Requirements;
- final meeting with commentary on the observations made during the audit.

An audit report is prepared and left with the applicant.

5.3.5 Tests at the laboratory of the CERTIFIÉ CSTB CERTIFIED Mark

The tests to be carried out are defined in the following table and are the subject of a Test Report remitted to the applicant:

Characteristics		Method - reference systems	Specifications and tolerances
Dry extract		Thermogravimetry*	To be defined with the applicant
Ash content		Thermogravimetry*	
Quantity of resin		Thermogravimetry*	
Quantity of solvents		Thermogravimetry*	
Viscosity	At 23°C	NF EN 12092	
Shear strength	At 23°C	NF EN 9311-2 for specimens and testing equipment NF EN ISO 9311-2 3 points: drying 1 h and 24 h at 23°C and 20 d at 23°C followed by 4 d at 60°C	NF EN 14814 ≥ 0.4 MPa at 1 h ≥ 1.5 MPa at 24 h ≥ 7.0 MPa at 24 d
Short-term resistance to pressure		CSTB test protocol*	Resistance ≥ 24 h at 10 bar
Long-term resistance to pressure	At 20 °C	NF EN ISO 9311-3 at 51.2 bar after 20 d at 23°C followed by 4 d at 60°C	Resistance ≥ 1000 h
	At 40 °C	NF EN ISO 9311-3 at 20.8 bar after 20 d at 23°C followed by 4 d at 60°C	Resistance ≥ 1000 h
Shelf life Test conducted at least 4 months after receipt of samples by CSTB		Paragraph 4.4 of NF EN 14814 On containers stored in accordance with the instructions of the manufacturer for the specified shelf life: Shear strength after drying for 1 day Test conducted once/year until the shelf life expires	≥ 1.5 MPa

5.3.6 Assessment and decision-making

CSTB assesses the test and audit report(s) transmitted and/or remitted to the applicant according to the procedures in force.

The report(s) is(are) accompanied, in certain cases, by a request for reply within a prescribed time span.

In certain cases, an additional inspection may be requested when the report is analysed.

For each irregularity, the applicant shall describe the actions implemented or planned with the time span for their application consistent with the deviation observed. The persons responsible for the actions to be implemented shall also be listed.

CSTB analyses the pertinence of the reply and may request the implementation of a complementary check.

If needed, CSTB can (anonymously) submit all the Specific results to the Specific Committee for approval.

Depending on the results of all the inspections, CSTB's Management will take one of the following decisions:

- certification approved, with or without comments;
- certification refused, with reasons for the refusal.

If approved, CSTB sends the CERTIFIÉ CSTB CERTIFIED certificate to the applicant who then becomes a holder of the right to use the CERTIFIÉ CSTB CERTIFIED mark.

The certificate has no period of validity unless the certified product is modified.

The certificate is assigned for a given product, manufactured in a defined manufacturing unit. It comprises:

- the product designation and the manufacturing unit;
- the indication of the certified characteristics;
- useful information for use.

The certificate is accompanied by a product identification sheet intended for the applicant and auditors.

Applicants can submit an appeal to contest the decision by submitting a request in accordance with Article 9 of the CERTIFIÉ CSTB CERTIFIED General Requirements.

They are entitled to present their case formally.

5.4 REGARDING A COMPLEMENTARY ADMISSION APPLICATION

The application shall be submitted in conformity with the conditions and models given in Part 8.

The steps described in Paragraph 5.1 apply, with the specific consideration that the audit may be accompanied by a follow-up audit.

5.5 REGARDING AN EXTENSION APPLICATION

The application shall be submitted in conformity with the conditions and models given in Part 8.

The steps described in Paragraph 5.1 apply, with the specific consideration that the audit may be accompanied by a follow-up audit.

5.6 REGARDING A MAINTENANCE APPLICATION

The application shall be submitted in conformity with the conditions and models given in Part 8.

Within the framework of distribution under other trademarks, the products concerned may undergo certain modifications to their presentation that have no functional impact. In this case, the holder shall specify in the maintenance application the list of modifications made to the products in question.

CSTB then makes sure that these modifications have no functional effect.

The Specific Committee is notified when CSTB issues decisions to maintain the right of use.

The company that distributes the certified products must provide CSTB with all the sales documents (catalogues, brochures, websites, etc.) that refer to these products and send all updated versions of these documents as appropriate.

Part 6 MAINTAINING CERTIFICATION: conditions for follow-up

6.1 CONDITIONS FOR FOLLOW-UP

Throughout the certification period, holders shall:

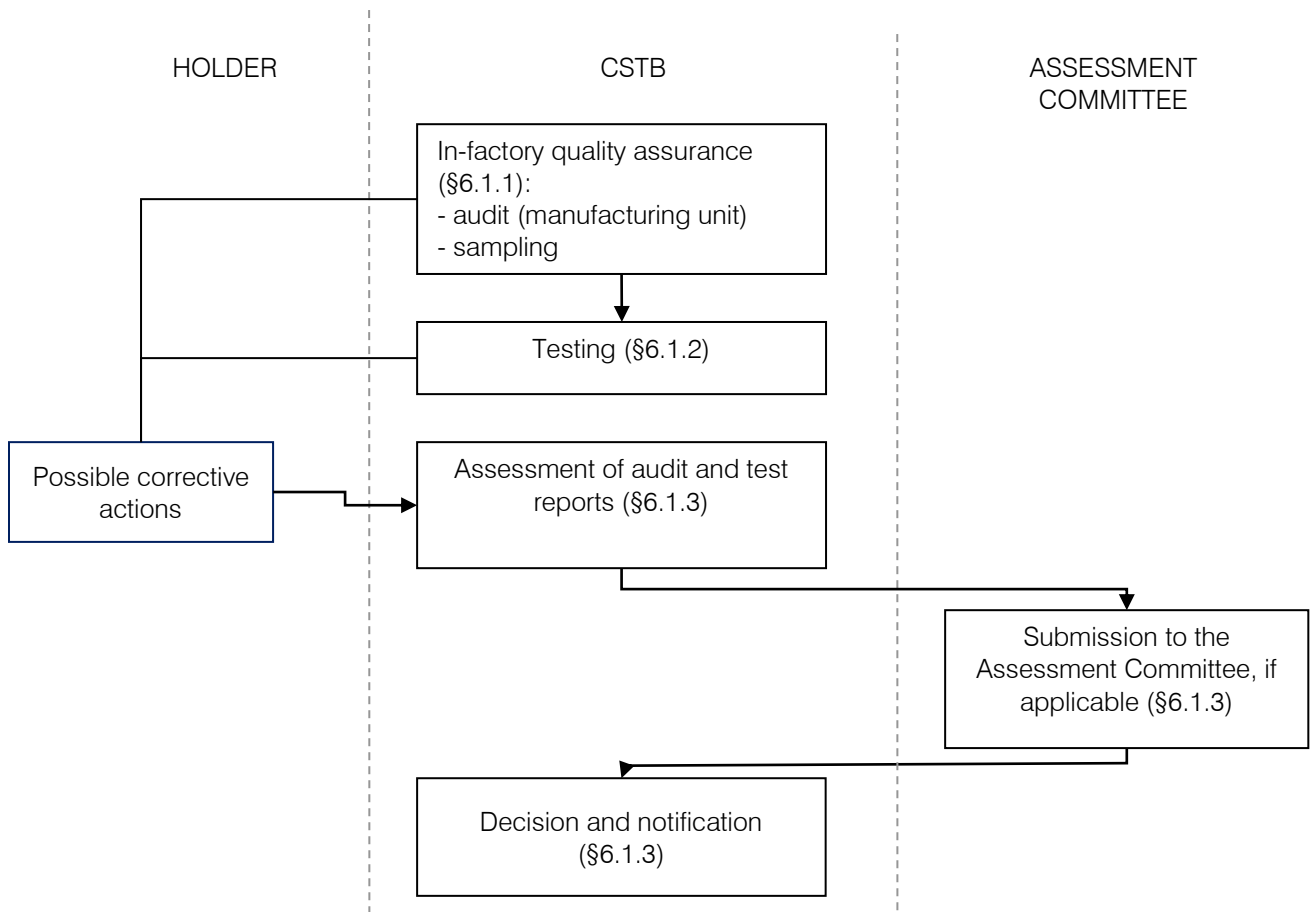
- comply with the requirements defined in Part 3 and the terms and conditions for marking described in Part 4 of these Specific Requirements;
- keep their certification dossier up to date;
- keep CSTB systematically informed of changes to a characteristic of the certified product.

CSTB follows up on certified products each year, beginning at the time the right of use of the CERTIFIÉ CSTB CERTIFIED mark is granted. This follow-up includes audits as well as monitoring the use of the mark and logo on products and any communication materials.

The CERTIFIÉ CSTB CERTIFIED mark is granted to a product coming from a given production unit, defined by a specific trade reference and technical characteristics. Consequently, the holder shall notify CSTB in writing of any changes to the conditions under which the CERTIFIÉ CSTB CERTIFIED mark was obtained.

Moreover, CSTB reserves the right to carry out any additional audit it deems necessary following complaints, contestations or disputes about which it becomes aware and relating to the use of the CERTIFIÉ CSTB CERTIFIED mark; the checks may include tests on the utilisation premises (in this case, the holder is invited to be represented so as to witness the operations).

PROCESS



6.1.1 Follow-up audits

The purpose of the audit is to make sure that the measures defined and applied by the holder in the manufacturing unit continuously satisfy the requirements in Paragraphs 3.3 and 3.4 of these Specific Requirements.

This entails a check, after admission, that these measures are still being maintained; these are the follow-up audits, the frequency of which is one audit per year per production unit. The audit normally lasts one day. The length of the audit may be adapted according to the risk: level of development of the quality system, organisation of the company (process, laboratory).

In the event of anomalies or insufficiencies in internal quality assurance, the heightened monitoring procedure may be initiated for a given period (1 year). This consists of doubling the normal frequency of audits, with or without increasing the holder's checks.

If the applicants subcontract part of their production, CSTB reserves the right to carry out an audit on the premises of the subcontractor(s) based on these Specific Requirements.

All the ways and means (premises, installations, equipment) enabling the auditor to carry out the assignment incumbent upon him/her, shall be freely placed at his/her disposal, along with persons qualified to implement them.

An opening meeting is held at the start of the audit by the auditor in order to clarify the points that will be examined and the operations that will be completed, as listed below:

- audit of at least one production line (from raw materials to storing finished products) and examination of the quality assurance operations completed along the production line,
- samples taken for testing at the laboratory of the CERTIFIÉ CSTB CERTIFIED Mark;
- completion of tests on samples taken by the site's laboratory staff, as the case may be;
- examination of the raw materials records;
- taking a copy of the finished product records;
- examination of the storage conditions;
- examination of the production control system in accordance with Paragraph 0 of this document;
- completing the observations form at the end of the audit;
- final meeting with commentary on the observations made during the audit.

The marking compliance check will be completed on samples taken.

If there are multiple trademarks and/or types of packaging, all labels and packaging must be verified on a rotational basis, over a three-year period.

NOTE: examination of the production control system is not to be covered in its entirety, but randomly and according to the critical points in the system.

An audit report is prepared and left with the holder.

6.1.2 Tests at the laboratory of the CERTIFIÉ CSTB CERTIFIED mark

General provisions:

During each of the audits, the auditor takes 6 x 1 L containers of adhesive to complete the below test at the CSTB's laboratory.

If the product is marketed in numerous packages, other than the 1 L container, the auditor also takes samples for another type of packaging, at a rate of 3 samples. All types of packaging will be sampled on a rotational basis.

A type of packaging is defined by the nature and geometry (shape) of the container associated with a type of closure, irrespective of the volume.

The tests to be carried out are defined in the following table and are the subject of a Test Report remitted to the holder:

Characteristics		Method - reference systems	Specifications and tolerances
Dry extract		Thermogravimetry*	To be defined with the holder
Ash content		Thermogravimetry*	
Quantity of resin		Thermogravimetry*	
Quantity of solvents		Thermogravimetry*	
Viscosity	At 23°C	NF EN 12092	
Shear strength	At 23°C	NF EN ISO 9311-2 for specimens and testing equipment NF EN ISO 9311-2 1 point: drying 480 h at 23°C followed by 96 h at 60°C	NF EN 14814 ≥ 7.0 MPa at 24 d
Shelf life		Paragraph 4.4 of NF EN 14814 On containers stored in accordance with the instructions of the manufacturer for the specified shelf life: Shear strength after drying for 1 day	≥ 1.5 MPa

Particular measures:

If stored in halls subject to strict regulation, access clearance will be requested for the CSTB's auditor so that he/she can take the sample from stock him/herself. The auditor will respect a minimum 15-day period between making the appointment and visiting.

If stored in one of the holder's other storage areas, samples can be taken within a minimum period of 15 days between booking the appointment and sampling.

In case of stockout for the type of product or packaging selected by the auditor, the holder undertakes to send the samples to CSTB within two months. In this case, the holder also sends a copy of the sheet of checks carried out on the batch in question.

6.1.3 Assessment and decision-making

CSTB assesses the test and audit reports sent to the holder, along with a request for reply within a specified period, as the case may be.

The holder, for each irregularity, shall propose actions to be implemented or considered along with the time span for implementation and the individuals in charge.

CSTB analyses the pertinence of the reply and may request the implementation of a complementary check.

After submitting the annual summary of production monitoring for the approval of the Specific Committee, CSTB Management issues a decision on the assessment and notifies the holder of its findings, which may be:

- decision to maintain the CERTIFIÉ CSTB CERTIFIED mark certificate;
- sanction decision in accordance with Paragraph 8.2 of the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark.

In the event of a penalty, this will be operative from the date of notification.

The cost of additional verification due to the penalties will be borne by the holder.

The holders are responsible for the right to use the CERTIFIÉ CSTB CERTIFIED mark, relative to the product considered, and commit to applying the measures resulting from the penalties, decided upon in conformity with the CERTIFIÉ CSTB CERTIFIED mark General Requirements.

Any suspension or withdrawal of the right to use the CERTIFIÉ CSTB CERTIFIED mark results in both using the CERTIFIÉ CSTB CERTIFIED mark and referring to it being prohibited. This obligation is valid not only for the holders but also for their company's entire sales network and for the dealers called upon to distribute their products. In the same way, any product accidentally not in conformity along with its packaging shall not be marked with the CERTIFIÉ CSTB CERTIFIED logo or the logo shall be crossed out or covered up so that any risk of confusion is avoided.

Catalogues and other documentation must no longer carry the CERTIFIÉ CSTB CERTIFIED mark for those products for which the mark has been suspended or withdrawn (erratum and/or reprinting).

The applicant can contest the decision by submitting a request in accordance with Article 9 of the CERTIFIÉ CSTB CERTIFIED General Requirements.

They are entitled to present their case formally.

6.2 MODIFICATION DECLARATION

This paragraph describes information to be provided and processes to be followed in cases of modifications concerning:

- The holder;
- The manufacturing unit;
- The quality organisation of the production unit;
- The product;
- The manufacturing.

In the cases not provided for earlier, CSTB determines whether the modifications call the certification into question and whether it is necessary to carry out an additional inspection.

Depending on the results of the examination, CSTB communicates the appropriate decision.

6.2.1 Modification concerning the holder

Holders must notify CSTB in writing of any legal changes to their company or any changes to their corporate name.

In the event of the holder's merger, winding-up or absorption, any mark usage rights that the holder may have automatically cease.

A new application can be submitted and its examination can be simplified depending upon the modifications.

6.2.2 Modification concerning the manufacturing unit

Any transfer (in full or in part) of the manufacturing unit of a product with CERTIFIÉ CSTB CERTIFIED certification to another production site means the holder must immediately stop using the CERTIFIÉ CSTB CERTIFIED mark on the products in question.

The holder shall declare this transfer in writing to CSTB, which will organise an audit of the production unit and, as the case may be, have tests carried out.

The audit can be simplified or even eliminated when the new production unit is already known to CSTB.

The Specific and renewal decision procedures for certification are the same as those for admission as described in Part 3 of these Specific Requirements.

6.2.3 Modification concerning the production unit's quality organisation

Holders shall declare in writing to CSTB any modification relative to their quality organisation that might affect the conformity of the production with the requirements of these Specific Requirements (modifications concerning their installations, quality plans, etc.).

In particular, they shall declare any modification in the certification of their quality management system.

Any temporary halt in the internal quality assurance operation for a product with CERTIFIÉ CSTB CERTIFIED certification means the holder must immediately stop using the CERTIFIÉ CSTB CERTIFIED mark on the product and must notify CSTB.

CSTB then communicates a decision to suspend the right to use the CERTIFIÉ CSTB CERTIFIED mark for a specific duration, following which, if the right of use cannot be re-established, it will be withdrawn.

6.2.4 Modification concerning the product with CERTIFIÉ CSTB CERTIFIED certification

Any modification to the product with CERTIFIÉ CSTB CERTIFIED certification when compared with the application dossier or that might affect the conformity of the product with the requirements of these Specific Requirements, shall be declared in writing to CSTB.

The holder informs the auditor of the initial tests, carried out again at this time, and ensures they remain available to the latter. The holder informs the auditor that the observations made by CSTB have been taken into account.

CSTB determines whether this is a certification extension application.

6.2.5 Temporary or definitive halt in production

Any definitive or temporary halt in manufacturing of a product with CERTIFIÉ CSTB CERTIFIED certification or any withdrawal from the right to use the CERTIFIÉ CSTB CERTIFIED mark must be declared in writing to CSTB no later than 31 December of the year in progress for the 1st of January of the following year. Otherwise, the holder will be liable to pay the entire annual usage fee. The holder shall specify the time necessary to sell off inventory with CERTIFIÉ CSTB CERTIFIED marking. Upon expiry of this time span and the use-by date, the product shall be removed from the list of certified products.

Any temporary halt in the manufacture of certified products (or a range of certified products) must be subject to a suspension of the right to use the CERTIFIÉ CSTB CERTIFIED mark for no more than 6 months, renewable once, if applicable. The total length of time for a suspension of the right to use the CERTIFIÉ CSTB CERTIFIED mark for these products must not exceed one year. Lifting of the suspension may only be announced following one or more assessments (audits and/or tests).

Any temporary halt in the production of a range of products with CERTIFIÉ CSTB CERTIFIED certification, judged to be too long (1 year) by CSTB and possibly after consulting with the Specific Committee, may fully justify, after examination, a measure of additional suspension or withdrawal of the right to use the CERTIFIÉ CSTB CERTIFIED mark for such products.

Part 7 FEES

Fees pertaining to examination, management, verification, promotion and right of use of the mark are covered in price scales updated yearly and sent by CSTB to all holders.

The services relating to CERTIFIÉ CSTB CERTIFIED certification are broken down as follows:

- registration fees;
- administration fees for examination of the certification application;
- administrative fees for annual follow-up;
- fees for using the mark;
- audit fees;
- test fees;
- additional checks;
- promotion;
- inspection in retail sites;

7.1 SERVICES RELATING TO CERTIFIÉ CSTB CERTIFIED CERTIFICATION

Type of service	Service description	General conditions common to CERTIFIÉ CSTB CERTIFIED marks
Registration fee	Participation in implementing the CERTIFIÉ CSTB CERTIFIED mark, including drawing up the Specific Requirements.	The registration fee is paid by applicants when they make their initial application for the right to use the CERTIFIÉ CSTB CERTIFIED mark. It is paid by the applicant in a single payment, regardless of the number of products. Payment for these services is non-refundable even if the right to use the CERTIFIÉ CSTB CERTIFIED mark is not awarded or if the application is abandoned during examination.
Administration fees for examination of the certification application	Services associated with examining the application dossiers, with relationships with the applicants, the laboratories and the auditors, with assessing the results of the inspections and with preparing lists of certified products.	These services are invoiced when the application is received. Payment for these services is non-refundable even if the right to use the CERTIFIÉ CSTB CERTIFIED mark is not awarded or if the application is abandoned during examination.
Administrative fees for annual follow-up	Services for managing dossiers for certified products and their holders, preparing lists of certified products and assessing the results of the inspections.	These fees are invoiced during the first quarter of each year. Payment of these fees is non-refundable even if the right to use the CERTIFIÉ CSTB CERTIFIED mark is not renewed.

Type of service	Service description	General conditions common to CERTIFIÉ CSTB CERTIFIED marks
Testing	Laboratories' testing services	<p>These services are invoiced when the application is received for an examination request and during the first quarter of each year.</p> <p>Payment for these services is non-refundable even if the right to use the CERTIFIÉ CSTB CERTIFIED mark is not awarded, not renewed or if the application is abandoned during examination.</p>
Factory audit	<p>Services including preparing the audit, the audit itself as well as the report.</p> <p>Travel expenses are to be added to these services.</p>	<p>These services are invoiced when the application is received for an examination request and during the first quarter of each year.</p> <p>Payment for these services is non-refundable even if the right to use the CERTIFIÉ CSTB CERTIFIED mark is not awarded or renewed or if the application is abandoned during examination.</p>
Right of use of the mark	<p>These fees will cover:</p> <ul style="list-style-type: none"> - the general operation of the CERTIFIÉ CSTB CERTIFIED mark (setting up quality assurance, management of the certification committee) - Protecting the CERTIFIÉ CSTB CERTIFIED mark: registration and protection of the mark, legal counsel, processing appeals, legal services - the contribution to the general promotion of the CERTIFIÉ CSTB CERTIFIED mark 	<p>The annual follow-up fees for the CERTIFIÉ CSTB CERTIFIED mark are invoiced to the holder after certification of a product.</p> <p>They are invoiced during the first quarter of each year.</p> <p>Payment of these fees is non-refundable even if the right to use the CERTIFIÉ CSTB CERTIFIED mark is not renewed.</p>
Additional checks	Services resulting from additional checks that may prove necessary following insufficiencies or anomalies detected by the current verifications.	The costs of these services are to be borne by the applicant/holder according to the prices in force.
Promotion	Sectorial actions to promote the CERTIFIÉ CSTB CERTIFIED mark.	The amount of this service is specified each year and invoiced in addition to the other services.
Inspection in retail sites	Inspection conducted in the retail sites of products with the CERTIFIÉ CSTB CERTIFIED Mark.	The costs of these services are to be borne by the distributor with a commercial extension of the right to use the CERTIFIÉ CSTB CERTIFIED Mark, according to prices in force.

7.2 PAYING FOR THE SERVICES

The holder of the certificate(s) must pay the fees associated with certification upon receipt of the invoices.

If all amounts due are not paid within two months after the invoice is sent, the certifying body will be unable to carry out the verifications specified in these Specific Requirements. Therefore, the certificate(s) will automatically be suspended as the conditions for maintenance are no longer met. The Specific Committee will be notified of this situation.

7.3 FEES

Rates will be revised annually in the form of a price list published by CSTB. This revision is decided on after consultation with the Specific Committee.

If holders refuse to recognise the annual price review, they will be deemed to have voluntarily terminated the right to use the mark for their certified products.

Part 8

CERTIFICATION DOSSIERS

The application for the right to use the CERTIFIÉ CSTB CERTIFIED mark shall be prepared in one copy to the attention of CSTB according to the models shown below.

If the product comes from a manufacturing unit located outside the European Economic Area, the applicant designates a delegate within the European Economic Area who co-signs the application.

An application for a product that has been granted a foreign conformity mark or a test certificate from a foreign laboratory will be processed taking into account any existing recognition agreements, in accordance with the CERTIFIÉ CSTB CERTIFIED mark General Requirements.

NOTE: Electronic versions of template letters and sheets may be obtained from CSTB.

Applications must be drawn up for each manufacturing unit on the applicant's letterhead.

8.1 REGARDING AN INITIAL ADMISSION APPLICATION

Applicants prepare a dossier that includes:

- an application and commitment letter using standard letter 1, in French;
- a general information sheet concerning the applicant, using standard sheet 1;
- an information sheet concerning the product, as per standard sheet 2.

The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

8.2 FOR A COMPLEMENTARY ADMISSION APPLICATION

Holders prepare a dossier that includes:

- an application and commitment letter using standard letter 1, in French.

The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

8.3 REGARDING AN EXTENSION APPLICATION

Holders prepare a dossier that includes:

- an application and commitment letter using standard letter 2, in French;
- an information sheet concerning the product, as per standard sheet 2.

The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

8.4 REGARDING A MAINTENANCE APPLICATION

Holders prepare a dossier that includes:

- an application and commitment letter using standard letter 3, in French;
- the distributor's commitment sheet.

The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

STANDARD LETTER 1

CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping
CERTIFIÉ CSTB CERTIFIED MARK USAGE RIGHT APPLICATION or COMPLEMENTARY
ADMISSION APPLICATION

CSTB

Direction « Hydraulique et Equipements Sanitaires »
Division « Canalisations, Fluides et Matériaux »
Attn: Mr Joël Quillerou
84 avenue Jean Jaurès
F-77447 MARNE LA VALLEE CEDEX 2

Subject: **CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping**

CERTIFIÉ CSTB CERTIFIED mark admission application
or complementary admission application

Encl.: a technical file.

Dear Sir,

I would like to apply for the right to use the CERTIFIÉ CSTB CERTIFIED mark

- for the product..... (trade name)
- manufactured in the following production unit(s):

For that purpose, I declare that I am familiar with and accept the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping. I undertake to respect them throughout the duration of use of the CERTIFIÉ CSTB CERTIFIED mark and to comply with decisions made, without any restriction or reservation, in accordance with the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - *Adhesives for PVC piping*.

<OPTION 1: Furthermore, I delegate to the Company (company name) (company legal form), (registered office), represented by (Mr/Mrs/Ms) (name of the legal representative) in (his/her) capacity as (capacity) to represent me on French territory for all questions relative to the use of the CERTIFIÉ CSTB CERTIFIED mark – Adhesives for PVC piping.*

I undertake to immediately notify CSTB of any new appointment of the representative designated above.

For this purpose, I request that the expenses that are to be borne by me be invoiced directly to the representative. They will make the payments on my behalf and in my name as soon as the invoices are received, as agreed upon when accepting the role of representative.>

I have enclosed a cheque made out to CENTRE SCIENTIFIQUE ET TECHNIQUE DU BÂTIMENT for € including taxes with this application, for the registration fees and examination services.

I hereby give permission to display the full version of the certificates issued by CSTB pertaining to this application:

YES NO

Have you benefited from CSTB consultancy services during the last two years? :

YES NO

I designate M/Ms/Mrs as my representative for everything concerning the examination of my application.

Yours faithfully,

Name, date and signature of the applicant's legal representative

<OPTION 1: Name, date and signature of the representative in the European Economic Area, preceded by the handwritten wording "Fit for acceptance of representation">

¹ Only concerns applicants or holders located outside of the European Economic Area.

STANDARD LETTER 2

**CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping
EXTENSION APPLICATION FOR THE RIGHT TO USE THE CERTIFIÉ CSTB CERTIFIED MARK**

CSTB

Direction « Hydraulique et Equipements Sanitaires »
Division « Canalisations, Fluides et Matériaux »
Attn: Mr Joël Quillerou
84 avenue Jean Jaurès
F-77447 MARNE LA VALLEE CEDEX 2

Subject: **CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping**
Extension application for the usage right

Encl.: a technical file.

Dear Sir,

As the holder of the CERTIFIÉ CSTB CERTIFIED mark for the product of my manufacture identified under the following references:

- trade name of the product:..... ;
- production unit (*address*): ;
- right of use granted on (*date*) with the number: ;

I am writing to apply for the right to use the CERTIFIÉ CSTB CERTIFIED mark for a product I manufacture, derived from the product with CERTIFIÉ CSTB CERTIFIED certification, with the following modifications: (*description of the modifications*).

These products in the extension application will replace the certified products: YES NO

I declare that the products covered by the present application, with regard to the other characteristics, strictly comply with the products already certified as CERTIFIÉ CSTB CERTIFIED and manufactured under the same conditions.

I declare that I am familiar with and accept the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping. I undertake to respect them throughout the duration of use of the CERTIFIÉ CSTB CERTIFIED mark and to comply with decisions made, without any restriction or reservation, in accordance with the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping.

<OPTION¹: Furthermore, I delegate to the Company (company name) (company legal form), (registered office), represented by (Mr/Mrs/Ms) (name of the legal representative) in (his/her) capacity as (capacity) to represent me on French territory for all questions relative to the use of the CERTIFIÉ CSTB CERTIFIED mark.*

I undertake to immediately notify CSTB of any new appointment of the company or representative designated above.

For this purpose, I request that the expenses that are to be borne by me be invoiced directly to the representative. The company will make the payments on my behalf and in my name as soon as the invoices are received, as agreed upon when accepting the role of representative.>

¹ Only concerns applicants or holders located outside of the European Economic Area.

I have enclosed a cheque made out to CENTRE SCIENTIFIQUE ET TECHNIQUE DU BÂTIMENT for € including taxes with this application, for the examination services.

I hereby give permission to display the full version of the certificates issued by CSTB pertaining to this application.

YES NO

I designate M/Ms/Mrs as my representative for everything concerning the examination of my application.

Yours faithfully,

Name, date and signature of the applicant's legal representative

<OPTION 1: Name, date and signature of the representative in the European Economic Area, preceded by the handwritten wording "Fit for acceptance of representation">

STANDARD LETTER 3

**CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping
COMMERCIAL EXTENSION APPLICATION FOR THE RIGHT
TO USE THE CERTIFIÉ CSTB CERTIFIED MARK**

CSTB

Direction « Hydraulique et Equipements Sanitaires »
Division « Canalisations, Fluides et Matériaux »
Attn: Mr Joël Quillerou
84 avenue Jean Jaurès
F-77447 MARNE LA VALLEE CEDEX 2

Subject: **CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping**

Commercial extension application for the usage right

Dear Sir,

I am writing to apply to maintain authorisation to affix the Certifié CSTB Certified mark to products that only differ from those admitted to the mark by their references and trademarks, which are affixed thereon, and by slight changes that in no way modify their characteristics.

The following company, at the address listed below, will distribute these products under the trademark (*new brand requested*):

Name:

Address:

Details of the products authorised for the Certifié CSTB Certified mark		Trade name ¹ requested by the distributor
Certificate no.	Name and reference of the holder's product	
xxx....		

Please find attached a copy of the commitment sheet for the Company (*distributor's name*) to distribute under the trade name (*name or trade reference*) only those products that I have delivered to said company.

I commit to immediately informing CSTB of any modification made to the distribution of these products and, in particular, in the event of supply discontinuation to the Company named above.

I declare that I am familiar with and accept the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping. I undertake to respect them throughout the duration of use of the CERTIFIÉ CSTB CERTIFIED mark and to comply with decisions made, without any restriction or reservation, in accordance with the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping.

I authorise CSTB to inform the above-named Company of any penalties, applied in accordance with the Certification Reference System, relating to the products covered by this document.

¹ "Trade name" means any distinctive marking that makes it possible to accurately identify both the distributor and the product covered by the CERTIFIÉ CSTB CERTIFIED mark.

CERTIFIÉ CSTB CERTIFIED mark certification reference system: Specific requirements regarding Adhesives for PVC piping

(EP 12 – Revision No. 01)

39/45

Yours faithfully,

**Date and signature of the legal
representative of the holder, maintenance applicant**

**Date and signature of the representative
in France ²**

<OPTION (2): Date and signature

of the European Economic Area representative

² Only applies to applicants located outside the European Economic Area.

DISTRIBUTOR'S COMMITMENT SHEET

I, the undersigned,

acting in my capacity as:

Indicate the position of the representative (Manager, Chief Executive, General Director, etc.)

with headquarters at:

hereby undertake:

- to make no technical changes, in particular affecting the nature and/or operational features of the products named below:

Details of the products certified under the Certifié CSTB Certified mark		Trade name ¹ requested by the distributor
Certificate no.	Name and reference of the holder's product	
.....

- to make no other minor modifications to the products as manufactured by the company <holder>, except for the following <modifications>. Any subsequent modification shall be reported beforehand to CSTB for approval and also agreed upon with the holder;
- to not change the abovementioned trade names unless agreed with the holder benefiting from the right to use the Certifié CSTB Certified mark;
- to distribute under these trade names only the products covered by the corresponding certificates;
- to not make any modifications to said trade names without having first notified CSTB by registered letter with acknowledgement of receipt ;
- to not make any modification to the marking of the products affixed by the holder, in conformity with the provisions of the Certifié CSTB Certified EP 12 Certification Reference System, which the undersigned attests to having read and understood;
- to lend CSTB my assistance for any verifications pertaining to the products hereby covered and their marketing;
- to apply the measures resulting from the penalties imposed in accordance with the certification reference system for granting the Certifié CSTB Certified mark, which the undersigned attests to having read and understood;
- to provide upon CSTB's request all commercial documents that refer to the products admitted to the Certifié CSTB Certified Mark (catalogues, brochures, etc.);
- to pay the admission fee provided for in the mark's price list and make all future payments that will be required of me in accordance with these rules, *particularly the fee for the annual inspection in the retail site according to the financial regime of the Certifié CSTB Certified EP 12 Mark*;
- to affix the trade name to the products delivered by the company <holder>.
- I declare that I am familiar with and accept the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping. I undertake to respect them throughout the duration of use of the CERTIFIÉ CSTB CERTIFIED mark and to comply with decisions made, without any restriction or reservation, in accordance with the General Requirements of the CERTIFIÉ CSTB CERTIFIED mark and the Specific Requirements of the CERTIFIÉ CSTB CERTIFIED mark - Adhesives for PVC piping.

¹ "Trade name" means any distinctive marking that makes it possible to accurately identify both the distributor and the product covered by the CERTIFIÉ CSTB CERTIFIED mark.

I hereby give permission to display the full version of the certificates issued by CSTB pertaining to this application.

YES NO

Yours faithfully,

**Date and signature of the legal
representative of the maintenance beneficiary**

**Date and signature of the representative
in France ¹**

<OPTION (2): Date and signature
of the European Economic Area representative

¹ Only applies to applicants located outside the European Economic Area.

STANDARD SHEET 1
CERTIFIÉ CSTB CERTIFIED MARK - Adhesives for PVC piping
GENERAL INFORMATION SHEET CONCERNING THE APPLICANT

MANUFACTURING UNIT

- Company name: _____
- Address: _____
- Country: _____
- Telephone: _____ Fax: _____
- SIRET No. ¹: _____ NAF Code 1: _____
- Name and capacity of the legal representative ²: _____
- Name and capacity of the contact person (if different): _____
- VAT identification number ³: _____
- Email address: _____
- Website: _____
- Certified quality system ⁴: ISO 9001:2008

MANUFACTURER (if different from the manufacturing unit):

- Company name: _____
- Address: _____
- Country: _____
- Telephone: _____ Fax: _____
- SIRET No. ¹: _____ NAF Code 1: _____
- Name and capacity of the legal representative ²: _____
- Name and capacity of the contact person (if different): _____
- VAT identification number ³: _____
- Email address: _____
- Website: _____

DELEGATE (if requested):

- Company name: _____
- Address: _____
- Country: _____
- Telephone: _____ Fax: _____
- SIRET No. ¹: _____ NAF Code 1: _____
- Name and capacity of the legal representative ²: _____
- Name and capacity of the contact person (if different): _____
- VAT identification number ³: _____
- Email address: _____
- Website: _____

CONSULTANCY SERVICES:

If CSTB has undertaken any consultancy work for your company in the 2 years prior to this admission application, please specify:

- The designation of the consultancy service:
- The name of your contact at CSTB:

¹ Only for French companies.

² The legal representative is the individual legally responsible.

³ Applies to European manufacturers.

⁴ Include a copy of the certificate.

STANDARD SHEET 2
CERTIFIÉ CSTB CERTIFIED MARK – Adhesives for PVC piping
List of information to be supplied to create the technical file

1 GENERAL INFORMATION

- Trade name of the product.
- Implementation date of the factory production control system.
- General provisions concerning quality control in the company:
 - o individuals responsible for quality in the company, in the manufacturing unit,
 - o verification frequency and calibration of measuring devices,
 - o method for utilising inspection results and frequency.
- Specific provisions concerning manufacturing, particularly internal quality assurance:
 - o sampling method,
 - o sampling frequency, control programme including the definition of a batch,
 - o test conditions,
 - o acceptance ranges,
 - o dealing with non-compliant products and corrective actions.

2 PRODUCT CHARACTERISTICS

To prepare their technical files, holders will provide the results of the tests performed in their own laboratories:

- Identification characteristics (density, etc.).
- Suitability for use characteristics (resistance to pressure, etc.).

Part 9 Glossary

Admissibility:	<p>The character of a dossier that makes it possible to carry out the examination of the application; admissibility relates to the administrative and technical parts of the dossier.</p>
Application/Applicant:	<p>Any legal entity manufacturing products covered under the field of application defined in Part 1 of these Specific Requirements and able to meet the technical requirements described in Parts 3, 4 and 5 of these Specific Requirements may request the right to use the CERTIFIÉ CSTB CERTIFIED mark. Such a request is called an “application” and the entity initiating it is referred to as the “applicant”.</p>
Audit:	<p>See Standard NF EN ISO 9001:2008.</p>
Commercial extension:	<p>A decision communicated by CSTB whereby the right to use the mark is granted to a product sold by a distributor under a different trademark and/or specific trade reference, without any modifications being made to the certified characteristics.</p>
Extension:	<p>Decision communicated by CSTB and in which the right to use the CERTIFIÉ CSTB CERTIFIED mark is extended to a modified product or range.</p>
Granting the right to use the CERTIFIÉ CSTB CERTIFIED mark:	<p>Authorisation communicated by CSTB to an applicant to affix the CERTIFIÉ CSTB CERTIFIED mark to the product for which the application was made.</p>
Holder:	<p>Legal entity that has the right to use the CERTIFIÉ CSTB CERTIFIED mark.</p>
Observation:	<p>A comment drawing a holder's attention to a minor nonconformity in order to prevent a deviation that would lead to a warning.</p>
Product:	<p>A finished product from a given manufacturing unit, defined by a trademark, a commercial reference specific to the product presented and specifications.</p>
Renewal:	<p>Decision communicated by CSTB in which the holder's right to use the CERTIFIÉ CSTB CERTIFIED mark is renewed.</p>
Right to use the CERTIFIÉ CSTB CERTIFIED mark:	<p>Right notified by CSTB to applicants thus entitled to use the CERTIFIÉ CSTB CERTIFIED mark for their product in accordance with the General Requirements and these Specific Requirements.</p>
Suspension:	<p>Decision communicated by CSTB that temporarily and for a set period of time cancels the authorisation to use the CERTIFIÉ CSTB CERTIFIED mark. The suspension can be communicated as a penalty or in case of provisional abandonment by the holder.</p>
Warning:	<p>Penalty decision issued by CSTB whereby the holder is invited to correct any faults observed within a given period of time.</p>

Part 10 **Appendix 1** **Detailed test methods**

10.1 SHEAR TEST

Methodology

Preparing surfaces:

in accordance with the specifications of Standard NF EN 9311-2:

- Roughen the surface of the spigot (with chamfer) slightly (lightly so as to avoid modifying the gap + wipe away with the manufacturer's stripping agent).
- Clean the socket (which has been machined) using the manufacturer's stripping agent.
- Applying the adhesive: in both directions, finishing in the lengthways direction, first the ring and then the spigot.

Note 1: The time between cleaning the assembly and applying the adhesive must not exceed 30 min.

Assembly

- Insert the spigot into the ring then position the assembly on the template so that the spigot rests in the bottom part of the template and the ring rests on the top part.
- Press lightly and evenly on the top part of the pipe.
- Wait 10 minutes before removing the specimen from the template and wipe away as much of the excess adhesive as possible, without putting strain on the glued-on ring.
- Place the specimen ring-side down for the remaining drying time.

Drying conditions (packaging prior to tests).

Temperature 23°C ± 2°C

Humidity: 50% + 5%; -10% (specific provision with relation to the standard, which requires ± 5%).

Drying time:

This test is conducted on 3 series of test specimens, as follows:

- 1st series: drying 1 h at 23°C.
- 2nd series: drying 24 h at 23°C.
- 3rd series: drying 480 h at 23°C followed by 96 h at 60°C.

Test standards

Testing is conducted according to Standard NF EN ISO 9311-2.

Note 2: For the calculation of pasted surfaces, the reference diameter is 40.0 mm.