

I CHOOSE QB !

QB08 is the only certification that

- highlights either the performance of your products in compliance with European standards or **above European standards**, in terms of durability and functionality as set out in Technical Appraisals.
- is committed to carry out tests on your products in **CSTB laboratories, accredited by Cofrac**.
- ensures, with support tests, the **compatibility of all PEX and PB piping systems** for all QB08-certified commercial product references.
- guarantees **pipe and fitting compatibility for multilayer piping systems** through initial and periodic testing.
- validates **life expectancy of at least 50 years** for heating and hot water distribution systems.

QB continually evolves

QB certification means benefiting from applied research, with planned developments of the mark for the reevaluation of **the resistance of certified products to disinfectants**.

Other work in progress includes **evaluation of durability beyond 50 years**.



QUALITY FIRST



Certified performance over time



Streamlined decision support



A lever for progress in the sector



Greater trust between stakeholders



More satisfaction for customers

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FIND OUT MORE
qb.cstb.fr/en
<http://evaluation.cstb.fr/en/certifications-produits-services/produit/canalisation-distribution-evacuation-eaux/>

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QUALITY FIRST

WATER SUPPLY OR DRAINAGE PIPING



QUALITY IN BUILDING

The certification mark of



le futur en construction

qb.cstb.fr/en

QB08

TURNKEY CERTIFICATION

QB is for any stakeholder who puts quality assurance first, to ensure that construction works incorporate reliable products with technical characteristics certified by third-party bodies like the CSTB.

The CSTB – Centre Scientifique et Technique du Bâtiment, a French state-owned industrial and commercial company, delivers QB certification. QB confirms the compliance of the tested products with established reference system for an area of application, and highlights the performances of tested products.

CSTB provides global support, from the certification request, to the granting of the certificate and its publication on the website evaluation.cstb.fr including the test laboratory and plants audits.

For more than 40 years, the CSTB has been certifying piping system products. QB 08 certifies all traditional or nontraditional piping systems, for water distribution and drainage, within buildings.

You can obtain certification for all your innovative or traditional products with the same QB mark.

QB CERTIFIED PRODUCTS

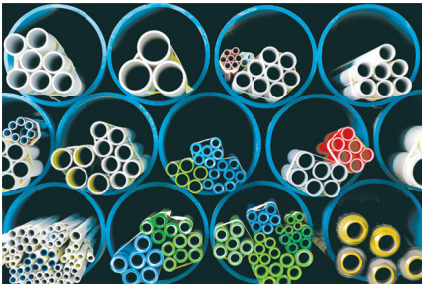
Innovative products

- Water supply piping systems, heating and hot water distribution systems and/or PP-R, PP-B, PE-RT, PVC-C, Polymer Multilayer Piping System, PE, and pre-insulated cold water distribution systems, etc.
- Drainage piping systems for gravitational flow and PP, PVC, modified PVC, TPHP, PP-M, HDPE siphonic drainage systems, etc.
- Renovation systems for water distribution or drainage systems.

Traditional products

- PEX/PB heating and hot water distribution systems, fittings for PEX/PB pipes, multilayer piping type metallic and associated fittings, PE drainage systems, polyethylene drainage, sheaths.

New! : Sheaths are now covered by the certification mark QB08.



CERTIFIED CHARACTERISTICS

Baseline characteristics (european standards)

- Dimensions
- Durability
- Fitness for purpose in sanitary and heating applications
- Installation characteristics

Optional characteristics (higher than european standards)

- Durability: better oxidation resistance
- Fitness for purpose: improved functionality for high-temperature heating

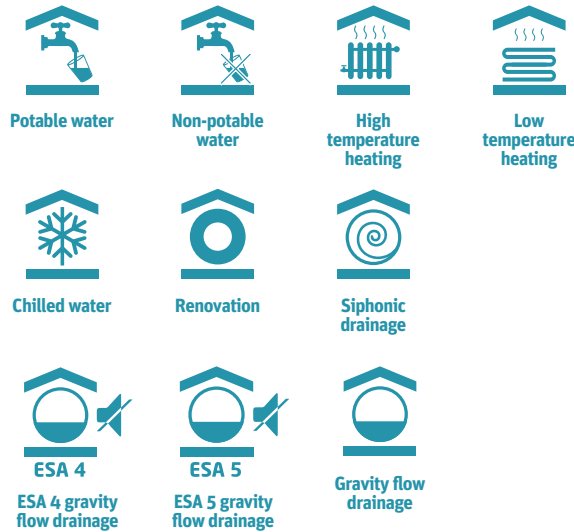
Example of sticker showing application fields and performances



PICTOGRAMS

These options are emphasized on the certificates with pictograms for each area of application and additional features.

Application fields and performances



Additional features



RIGOROUS PROCESS



In plants audits

- In-plant product sampling.
- Review of the company's quality procedures.

Test

Products are tested in CSTB laboratories, satisfying the requirements in the ISO 17025 standard (Cofrac accredited).

These checks validate the quality and fitness for use of products based on European standards and additional stringent performance standards determined with the stakeholders.

Certificate and marking

After auditing and testing, the manufacturer is granted the right to use the QB logo on the product and its packaging and in its marketing materials. Certified characteristics are specified on the certificate issued by the CSTB. All certified products receive a certificate, available on the website evaluation.cstb.fr/en.

Any misuse of the QB mark is subject to prosecution.