

# Certification in a nutshell

## Solid-wall PVC-U piping

The product is certified by a certification body accredited according to ISO CEI 17 065 by a body recognized by E.A. (European cooperation for Accreditation).

The certified characteristics are the following:

- According to Standard NF EN 1401-1 (pipes and fittings):  
Dimensional characteristics (diameter, thickness, sockets),  
Longitudinal reversion,  
Tensile strength, impact resistance,  
Ring stiffness,  
Creep ratio,  
Tightness of joints when submitted to pressure,  
Quality of elastomeric sealing rings,  
Density,  
Vicat (softening temperature),
- According to Standard NF EN 1401-1 (fittings):  
Behaviour when submitted to heating,  
Tightness of sealing rings and watertightness of saddle branches with plug.

The certification reference system is being developed by gathering the views of the different stakeholders:

- professionals producing the product and/or providing the service,
- consumers, users, specifiers,
- administrations, technical experts.

The certification reference system and the valid certificates (or the list of the certified products) are available to the public, free of charge and without any identification information requirement, via a website or any other means.

Whenever technically possible, the certified products are specifically marked, at least with reference to the mark.

The certified characteristics are assessed under the responsibility of the certification body, on the basis of the following checks:

	Admission	Continuous surveillance
Performance an audit of the production by a qualified technical auditor: - Supervision of controls and records of the production: raw materials, processes, end products - Supervision of the quality management provisions: metrology, packaging, storage, traceability, marking of the product, handling nonconformities and customer complaints - Supervision of tests on certified characteristics, if applicable.	Yes	Yes <b>Frequency:</b> 2 audits every 12 months *
Performing tests in a laboratory recognised by the certification body (independent and competent): - Sampling by the certification body on the production site and the market	Yes	Yes <b>Frequency:</b> every 12 months

- (\*) - The frequency may be reduced to 1 audit every 12 months, providing that:  
+ the previous assessment results have been very successful

This data sheet is a synthesis and aims at a quick understanding by any specifier of the scope and assessment rules for the certification.

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