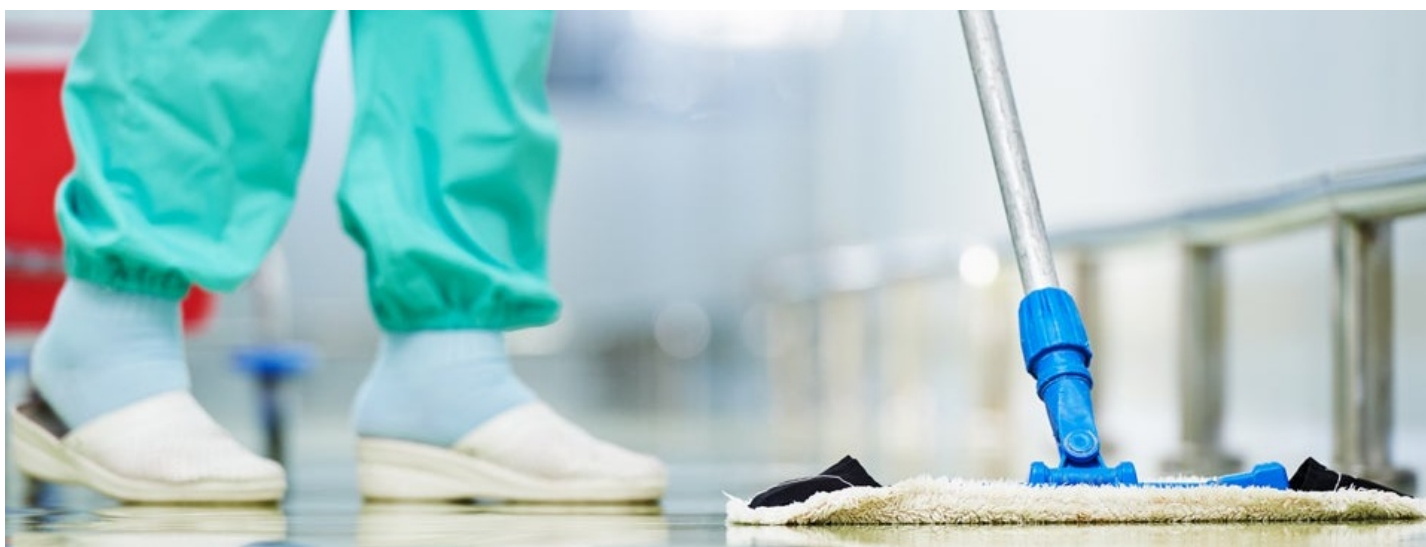


Plastics piping systems of PP intended for underfloor heating



It seems so normal. A warm house by underfloor heating. But what lies underneath to make that comfort possible must be of good quality. You can distinguish yourself in the market by qualifying for the KOMO® product certificate for plastics piping systems of PP intended for underfloor heating according to our guidelines.

Your are...

Are you a contractor, architect, installer or plumber. Or do you work for a municipality or housing association and are involved in installing piping systems in underfloor heating systems? Are your pipes not yet certified? Then Kiwa can help you further. Our certification experts in this area will study your question and will work with you to find the right solution to obtain the KOMO quality mark in accordance with the Kiwa assessment guideline.

The products according BRL 5612 are applicable for piping systems in underfloor heating systems at a design (working) over-pressure of 4 or 6 bar according the temperature profile class 4 in table 1.

Your own Kiwa quality mark

The assessment guideline BRL 5612 is a certification scheme for Plastics piping systems of PP intended for underfloor heating . Or for installation of certified plastics piping systems in floors and walls. The products according BRL 5612 are applicable for piping systems in underfloor heating systems at a design (working) over-pressure of 4 or 6 bar according the temperature profile class 4 in **table 1**. You will not receive the certificate just like that. We place high demands on the entry control of the raw materials, controls during the production process and on the end product. When requesting a quote, you indicate for which products and which technical area you want to be certified. For this assessment guideline it is: F2 piping systems.

Tabel 1 – Temperature profile during 50 years

	Temperature [°C]	Time	Overall service coefficient
Tcold	20	2,5 years	1,25

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Tdesign	40+60	20 years + 25 years	1,5
Tmax	70	2,5 years	1,3
T malfunction	100	100 hours	1,0

Remark: the mentioned temperature profile is in accordance with class 4 of ISO 10508.

Procedure obtaining KOMO product certificate

If you have agreed to our quotation, we will conduct an admission investigation. We are investigating whether you can obtain the KOMO product certificate in accordance with the requirements we have determined. We do this by means of a company audit and prescribed laboratory tests. The outcome of this determines whether you meet the requirements of BRL5612. If the result is positive, you will receive a KOMO certificate. The quality system - as laid down in the IKB - is then regularly checked by us. In this way your product continues to meet the set requirements. Your customers can be confident that your product offers them what they consider important; quality.

About Kiwa

Kiwa has specialized business units that focus on specific market segments, in the Netherlands and internationally. We offer specialist services in areas such as energy and water, fire safety and security, infrastructure, roof and facade advice, sports facilities and training. You can contact these business units for testing, inspection, certification, training and consultancy tailored to your market segment.

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