## · INSTA-CERT·

## **CERTIFICATE**

Date of valid edition 2020-04-24 Date of first issue: 2005-05-30

No./Revision:

**4004-**06

Name and address of certificate holder

**Uponor Infra Oy** P.O. Box 21 FI-15561 NASTOLA Conformity marks covered by the certificate:



Marks regarding products in contact with drinking water:

Information regarding the certificate holder/manufacturer

Contact person Jaana Hallikas	Telephone   +358 20 129 211   E-mail jaana.hallikas@uponor.com
Manufacturer	Place of manufacture Nastola, Finland

## Product covered by the certificate

Type of product Standard/Normative document Specific rules   Plastic piping systems for non-pressure EN 1852-1 SBC 1852   Specification of product Plastic piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) according to annex 1. Approved raw materials and sealings according to annex 2 (confidential).   The certificate holder above is hereby given permission to use the INSTA-CERT mark will also be vaid on the requirements of the standard or the normative document specifie dabove (Mat is said in this document about INSTA-CERT mark will also be vaid on the certificate holder comples with "General rules for certificate holder comples with "General rules for certificate holder comples with "General rules for certificate holder above is the type mentioned. The certificate holder and the certificate holder on INSTA-CERT homepage, www.instaa-cert.tel. Unless terminated, the certificate holder and the certificate holder on the specific rules   applying to certification of products of the type mentioned. The certificate holder and the parters of any claim for damages or any other expresses to which partners of any claim for damage or any other expresses to which partners of any claim for damages or any other expresses to which partners of any claim for defective or flaulty products. Unless terminated.termated.termated.termated.termated.termated.termated the certificate holder and the certificate holder comples with "General rules for certificate is any above to the specific rules are suid of injuries caused by a product manufactured or sold by the certificate is not transferable.					
underground drainage and sewerage. Polypropylene (pp). SBC 1852   Specification of product Plastic piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) according to annex 1.   Approved raw materials and sealings according to annex 2 (confidential).   The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid ferification by partners of INSTA-CERT mark will also be valid edition? Unless terminated, the certificate will be automatically extended for one year at a time. The certificate will be re-issued with a new "date of valid edition" only if the content and/or conditions of the certificate have been changed. Termination may take place to the end of a year subject to three months?   for marks defined in relevant SBC). The certificate is valid on the certificate holder complies with "General rules for certification of products of the type mentioned. The certificate holder on the partitioned which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder or which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder or which partners of and y claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder or which partners and busic horder in the certificate holder or which partners in any claim for damages or any other expenses to which partners or any claim for damages or any othere expenses to which partners may become liabl		Standard/Normative document	Specific rules		
underground drainage and sewerage. Polypropylene (pp).   Specification of product   Plastic piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) according to annex 1.   Approved raw materials and sealings according to annex 2 (confidential).   The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid ferificate holder complex with "General rules for certification by partners of INSTA-CERT mark of the type mentioned. The certificate si avail on the condition of products of the type mentioned. The certificate is not transferable. Unless terminated, the certificate is not transferable.   MEMBER OF INSTA-CERT: WEMBER OF INSTA-CERT:	Plastic piping systems for non-pressure	EN 1852-1	SBC 1952		
Specification of product   Plastic piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) according to annex 1.   Approved raw materials and sealings according to annex 2 (confidential).   The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification of products of the type mentioned. The certificate is available on INSTA-CERT homepage, www.insta-cert.net.   Unless terminated, the certificate will be automatically extended for one year at a time. The certificate will be re-issued with a new "date of valid edition" on yit the content and/or conditions of the certificate have been changed. Termination may take place to the end of a year subject to three months' notice on the part of the certificate holder complies with "General rules for certificate is on the type mentioned. The certificate is not transferable.   MEMBER OF INSTA-CERT:	underground drainage and sewerage.	2.1.1002.1	300 1032		
Specification of product   Plastic piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) according to annex 1.   Approved raw materials and sealings according to annex 2 (confidential).   The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification of products of the type mentioned. The certificate is available on INSTA-CERT homepage, www.insta-cert.net.   Unless terminated, the certificate will be automatically extended for one year at a time. The certificate will be re-issued with a new "date of valid edition" on yit the content and/or conditions of the certificate have been changed. Termination may take place to the end of a year subject to three months' notice on the part of the certificate holder complies with "General rules for certificate is on the type mentioned. The certificate is not transferable.   MEMBER OF INSTA-CERT:	Polypropylene (pp).				
Plastic piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) according to annex 1. Approved raw materials and sealings according to annex 2 (confidential). The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid for marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder conducts of the type mentione of with the statistic budget of injuries caused by a product manufactured or sold by the certificate holder conducts of the type mentione of with the condition that holden. The certificate is not transferable.					
Approved raw materials and sealings according to annex 2 (confidential). The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid for marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder of injuries caused by a product manufactured or sold by the certificate holder of injuries caused by a product manufactured or sold by the certification body.					
The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid for marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certificate of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid of marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder certificate is valid on the specific rules applying to certification of products of the type mentioned. The certificate holder is not transferable. The certificate is not transferable. <b>MEMBER OF INSTA-CERT</b> :	Approved raw materials and sealings according to a	nnex 2 (confidential).			
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid of marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder certificate is valid on the specific rules applying to certification of products of the type mentioned. The certificate holder is not transferable. The certificate is not transferable. <b>MEMBER OF INSTA-CERT</b> :					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate is not it certificate is not admages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is for the partners of any claim for damages or any other expenses to which partners of sold by the certificate holder is for the partners of the partners of any claim for damages or any other expenses to which partners of the type mentioned. The certificate is not transferable.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate is not it certificate is not admages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is for the partners of any claim for damages or any other expenses to which partners of sold by the certificate holder is for the partners of the partners of any claim for damages or any other expenses to which partners of the type mentioned. The certificate is not transferable.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate is not it certificate is not admages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is for the partners of any claim for damages or any other expenses to which partners of sold by the certificate holder is for the partners of the partners of any claim for damages or any other expenses to which partners of the type mentioned. The certificate is not transferable.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate is not it certificate is not admages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is for the partners of any claim for damages or any other expenses to which partners of sold by the certificate holder is for the partners of the partners of any claim for damages or any other expenses to which partners of the type mentioned. The certificate is not transferable.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate is not it certificate is not admages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is for the partners of any claim for damages or any other expenses to which partners of sold by the certificate holder is for the partners of the partners of any claim for damages or any other expenses to which partners of the type mentioned. The certificate is not transferable.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate is not it certificate is not admages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is for the partners of any claim for damages or any other expenses to which partners of sold by the certificate holder is for the partners of the partners of any claim for damages or any other expenses to which partners of the type mentioned. The certificate is not transferable.					
the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid of marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT mark will also be valid edition of valid certificate holder and the certificate holder and the certificate holder and the certification body. Information of valid certificates is available on INSTA-CERT homepage, www.insta-cert.net. The certificate is not transferable. The certificate is not transferable. MEMBER OF INSTA-CERT:	The certificate holder above is hereby given permission to use	Unless terminated, the certificate will b	e automatically extended for one year		
(what is said in this document about INSTA-CERT mark will also be valid for marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder. The also environment of the type mentioned. The certificate is not transferable. MEMBER OF INSTA-CERT:		at a time. The certificate will be re-issu	ed with a new "date of valid edition"		
for marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder is holder. The claim for the certificate holder is holder. The claim for the certificate holder complies the formation to the specific rules applying to certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder. The claim for the new finance of the transferable.					
condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate balder. The also envices the difference in the two thetes and the specific rules and the specific rules and the specific rules of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate balder. The also envices the difference is for the vertificate the specific rules of the specific rules of the specific rules are the specific rules of the specific rules are specific rules and the specific rules of					
certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the partificate belder. How the activity are further and the transferable. MEMBER OF INSTA-CERT:					
holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the partificate balder. <b>MEMBER OF INSTA-CERT:</b>					
damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the partificate bullet. Bullet. This also emplies to different entry for the participation of the part of the pa					
a result of injuries caused by a product manufactured or sold by the <b>MEMBER OF INSTA-CERT:</b>		The certificate is not transferable.			
contificate helder. This also emplies to defeative as faulty preducts					
	certificate holder. This also applies to defective or faulty products.	INSPECTA SERTIFICINTI OY			

Whele Jam

Mikko Törmänen, Managing Director

	Annex 1		Sivu 1 (1)
	Certificate No.	<b>4004-</b> 06	
	Date	2020-04-24	
Certificate holder			

Uponor Infra Oy P.O. Box 21 FI-15561 NASTOLA

Product name	Uponor underground drainage system PP
Application area/Pipe series Ring stiffness	UD/S16 SN 4
Designation of production place	U1
Fitting groups	Bends, branches and other fittings
Dimensions, mm - size group 1	110 - 160