· INSTA-CERT·

CERTIFICATE

Date of valid edition 01-05-2018

No. 2013

Date of first issue 01-09-2005

Name and address of certificate holder Nordisk Wavin A/S Wavinvej 1

Wavinvej 1 DK-8450 Hammel Denmark Conformity marks covered by the certificate



Information regarding the certificate holder/manufacturer

Contact person	Telephone	Telefax		
Lars J. Baungaard	+45 89 63 64 80	+45 89 63 64 89		
	Email	· · ·		
	lars.baungaard@wavin.com			
Manufacturer	Place of manufacture			
Nordisk Wavin A/S	Wavinvej 1 DK-8450 Hammel Denmark			

Product covered by the certificate

Type of product	Standard Normative document	Specific rules
Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U)	EN 1401-1	INSTA SBC 1401-1
Specification of product		
WAFIX PVC-U pipes, size group 1 (110 - 200 mm), applic	sation area LID_SN / and 8	
	auon area OD, on + and O	
WAFIX PVC-U pipes, size group 2 (250 - 500 mm), applic		
	cation area U, SN 4 and 8	
WAFIX PVC-U pipes, size group 2 (250 - 500 mm), applic	cation area U, SN 4 and 8	

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. This also applies to defective or faulty products. 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' notice on the part of the certificate holder and the certification body. The certificate is not transferable.

MEMBER OF INSTA-CERT DANCERT A/S

en en Jørgen Baadsgaard-Jensen

Jørgen Baadsgaard-Jense CEO

This certificate is electronically signed. INSTA CERT CERTIFICATE Revision 9 of 2014-11-13

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	Date:	01-05-2018
Certificate holder		

Certificate holder Nordisk Wavin A/S Wavinvej 1 DK-8450 Hammel Denmark

The table below specifies the approved raw materials and sealing rings.

Raw materials	Size group	Application area	SN	Reports
PVC-U pipes				
PVC, K>/= 65 100 kg				
Organic based stabiliser Baeropan R 9503R-3 2.3 kg Filler Omyalite 50H 18 kg Pigments HCA redbrown 933569 0.25 kg	1 (110 - 200 mm) 2 (250 - 500 mm)	UD U	4 and 8 4 and 8	DTI 565952 DTI 659028
Sealing rings: Bode Wafix (100-160-200) Forsheda Sewerlock F 605 (100-160-200) Forsheda Powerlock F 60 (250-500)				
PVC-U fittings: (Manufactured from certified pipes covered by this certificate) Sealing rings: Forsheda Powerlock F 60	2 (250 - 500 mm)	U	8	DTI 808586