



# LICENCE OF CERTIFICATION

Date of valid edition  
2009-03-19

No:  
5079

Date of issue  
2008-12-11

Reference

Licensee's name and address

Conformity mark covered by licence

Terana AB  
Fredsgatan 24  
736 32 Kungsör



Information regarding licensee/maker

Licensee's technical officer	Telephone	Telefax
Alf Memner	+46 227 319 45	+46 227 314 40
	E-mail info@terana.se	
Manufacturer	Place of manufacture	
Przedsiębiorstwo Barbara Kaczmarek Sp. J.	Gostyn, Poland	

Product covered by the licence

Type of product	Standard Normative document	Specific rules
Plastics piping systems for non-pressure underground drainage and sewerage made from polypropylene (PP)	EN 1852-1:1997	INSTA SBC 1852-1
Specification of product		
Ø 110 mm, PP pipes, dim group 1, S 13,3 SN8 (PP-HM), buried in ground within the building structure and outside the building structure (application area code "UD")		
Ø 110 -200 mm, PP bends, branches and others, dim group 1, S 16, buried in ground within the building structure and outside the building structure (application area code "UD")		
Ø 250 -400 mm, PP bends, branches and others, dim group 1, S 16, buried outside the building structure (application area code "U")		
Confidential information according to the enclosure		

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Lennart Månsson



Confidential appendix 1

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The tables below shows the approved combinations of sizes, dimension groups, S-series, stiffness classes, application area, raw materials and sealing rings.

Raw material Borealis BA 212E	Sealing ring Hultec Bode BL-FIX DIM 110
Specification of product Ø 110 mm, PP pipes, dim group 1, S13,3 SN8 (PP-HM), buried in ground within the building structure and outside the building structure (application area code "UD")	

Raw material Borealis BA 212E	Sealing ring MOL BL DIM 110, MOL BL DIM 160, BODE BL DIM 200, MOL BL DIM 250, MOL BL DIM 315 and MOL BL DIM 400
Specification of product Ø 110 -200 mm, PP bends, branches and others, dim group 1, S 16, buried in ground within the building structure and outside the building structure (application area code "UD") Ø 250 -400 mm, PP bends, branches and others, dim group 1, S 16, buried outside the building structure (application area code "U")	