


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>1376</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Wavin Limited</h3> <p>Issue No: 034 Issue date: 08 November 2024</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>PLASTIC and COMPOSITE PIPES and ASSOCIATED FITTINGS</p>	<p>Documented in-House methods developed using Section 5.4 of the Quality Manual on the test methods listed below:</p> <p>Hydrostatic and cyclic pressure resistance tests</p> <p>Thermal cycling tests</p> <p>Loading tests</p> <p>The effects of chemical materials on pipe systems</p> <p>and any combination of the above, within the ranges of:</p> <p>temperature 5 °C to 135 °C pressure -1 bar to 120 bar</p> <p>and specifically including the following tests in accordance with the requirements of the listed product standards:</p>	<p>Documented In-House Methods</p>



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<p>THERMOPLASTICS PIPES and ASSOCIATED FITTINGS for hot and cold water for domestic purposes and heating installations in buildings</p>	<p>Dimensions - diameter, length and wall thickness</p>	<p>BS 7291-1:2010+A1:2023 CI 5 BS EN ISO 3126:2005 BS EN ISO 15876-2:2017+A2:2021 CI 6.1 BS EN ISO 15876-3:2017+A2:2021 CI 6.1 BS EN ISO 21003-2:2008+A1:2011 CI 8.1 BS EN ISO 21003-3:2008+A1:2021 CI 7.1</p>
	<p>Long term hydrostatic strength of pipes (10-125 °C, ≤ 100 bar) within the customer's specified environment</p> <p>Hydrostatic pressure resistance of assembled pipes and fittings (10-125 °C, ≤ 100 bar) within the customer's specified environment</p>	<p>BS 7291-1:2010+A1:2023 CI 6.2 BS EN ISO 1167-1:2006 BS EN ISO 1167-2:2006 BS EN ISO 15876-2:2017+A2:2021 CI 4.2, 7 BS EN ISO 21003-2:2008+A1:2011 CI 9 (Annex B) DVGW W544:2007 CI 5.1.7 BRL 5602:2016 CI 4.1, 5.2 BRL 5604:2016 CI 4.1, 5.2 BRL 5605:2016 CI 4.1, 5.2 BRL-K 536 Part C:2011 CI 4.5.4 AS/NZS 2642.1:2007 CI 6.1 & 6.2 AS/NZS 2642.2:2008 CI 10.2, 10.3</p> <p>BS 7291-1:2010+A1:2023 CI 6.3 (Annex B) BS 7291-2:2010+A1:2023 CI 5.4.2 BS EN ISO 1167-1:2006 BS EN ISO 1167-2:2006 BS EN ISO 15876-5:2017+A1:2020 CI 4.2 BS EN ISO 21003-5:2008 CI 5.2 DVGW W534:2015 CI 12.10 BRL 5602:2016 CI 4.1, 5.2 BRL 5604:2016 CI 4.1, 5.2 BRL 5605:2016 CI 4.1, 5.2 BRL-K 536 Part C:2011 CI 4.3.2 AS/NZS 2642.3:2008 CI 12.2.1</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
THERMOPLASTICS PIPES and ASSOCIATED FITTINGS for hot and cold water for domestic purposes and heating installations in buildings (cont'd)	Resistance to thermal cycling of assembled pipe and fittings (10-114 °C, ≤ 20 bar)	BS 7291-1:2010+A1:2023 CI 6.4 (Annex C) BS EN 12293:2000 BS EN ISO 15876-5:2017+A1:2020 CI 4.5 BS EN ISO 21003-5:2008 CI 5.5 DVGW W534:2015 CI 12.6 BRL 5602:2016 CI 4.1, 5.2 BRL 5604:2016 CI 4.1, 5.2 BRL 5605:2016 CI 4.1, 5.2 BRL-K 536 Part C:2011 CI 4.3.2 AS/NZS 2642.3:2008 CI 12.2.4 WRAS Test Code Sheet 12126 issue 3 1996 WRAS Test Code Sheet 121210 issue 1 1998
	Resistance to cyclic pressure shock of assembled pipes and fittings (10-95 °C, 1-25 bar)	BS 7291-1:2010+A1:2023 CI 6.5 (Annex D) BS EN 12295:2000 BS EN ISO 15876-5:2017+A1:2020 CI 4.6 BS EN ISO 21003-5:2008 CI 5.6 DVGW W534:2015 CI 12.5 BRL-K 536 Part C:2011 CI 4.3.2 AS/NZS 2642.3:2008 CI 12.2.6
	Resistance to pull-out of assembled joints (pipe sample length limited to 100 mm)	BS 7291-2:2010+A1:2023 CI 5.4.1 (Annex C) BS EN 712:1995 BS EN ISO 15876-5:2017+A1:2020 CI 4.4 BS EN ISO 21003-5:2008 CI 5.4 DVGW W534:2015 CI 12.11 BRL 5602:2016 CI 4.1, 5.2 BRL 5604:2016 CI 4.1, 5.2 BRL 5605:2016 CI 4.1, 5.2 BRL-K 536 Part C:2011 CI 4.3.2 AS/NZS 2642.3:2008 CI 12.2.3
	Resistance to leakage when subjected to bending	BS EN ISO 21003-5:2008 CI 5.3 DVGW W534:2015 CI 12.12 BRL 5602:2016 CI 4.1, 5.2 BRL 5604:2016 CI 4.1, 5.2 BRL 5605:2016 CI 4.1, 5.2 BRL-K 536 Part C:2011 CI 4.3.2 AS/NZS 2642.3:2008 CI 12.2.2



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THERMOPLASTICS PIPES and ASSOCIATED FITTINGS for hot and cold water for domestic purposes and heating installations in buildings (cont'd)	Leaktightness under vacuum Effect of heating water additives	BS 7291-2:2010+A1:2023 CI 5.4.3 BS EN 12294:2000 BS EN ISO 15876-5:2017+A1:2020 CI 4.7 BS EN ISO 21003-5:2008 CI 5.7 DVGW W534:2015 CI 12.4 BRL 5602:2016 CI 4.1, 5.2 BRL 5604:2016 CI 4.1, 5.2 BRL 5605:2016 CI 4.1, 5.2 BRL-K 536 Part C:2011 CI 4.3.2 DIN 4726:2017-10 Annex C
END		