## Installation Standard For ABS BUILDING DRAIN, WASTE AND VENT PIPE AND FITTINGS

## **IAPMO IS 5-2006**

1.0	ABS bu systems Plumbin ASTM D Acrylon Schedule Pipe an "Acrylon	rallation standard shall apply to ilding drain, waste and vent as governed by the Uniforming Code. Material Standard 12661, "Standard Specification of itrile-Butadiene-Styrene (ABS) 40 Plastic Drain, Waste and Vent d Fittings," or ASTM F 628, nitrile-Butadiene-Styrene (ABS) e 40 Plastic, Drain, Waste and		903.0 Materials (Venting) 903.3 Straining or Bending Pipe 1003.0 Traps Described 1101.3 Materials Uses Table 14-1 Pipe and Fittings ASTM D2661 ASTM D3311 ASTM D2122 ASTM F402 ASTM F628
		pe with a Cellular Core," shall	ABBREV	/IATIONS
		art of this standard.	ASTM	American Society for Testing and
1.2		on, material and inspection shall		Materials
	Uniform	with the current edition of the Plumbing Code [UPC]™ as pub-	IAPMO	International Association of Plumbing and Mechanical Officials
		the International Association of g and Mechanical Officials and	UPC	Uniform Plumbing Code
		comply with this standard.	2.0 2.1	PRODUCT REQUIREMENTS Minimum Standards
Note:	The Buil	ding Official shall be consulted	2.1.1	Pipe
		enetration of fire separations,		ABS pipe is furnished in straight lengths.
	height ar	nd area or other limitations.		The pipe is black in color. The pipe wall is
M-4	Tl (-11			the same thickness as that of Schedule 40
Note:		owing sections of the Uniform growing Code apply.		(IPS) standard steel pipe. ABS pipe markings shall be in accordance
				with ASTM D2661 or ASTM F628. [UPC
	101.4.1.1	Repair and Alterations		301.1.2, 716.0]
	203.0	Inspections Definition ABS	2.1.2	Fittings
	301.1	Minimum Standards		Fittings are black. Refer to Tables in
	311.8	Screwed Fittings		ASTM D2661 and ASTM D3311 for
	310.0	Workmanship		dimensions and tolerances for pipe, fitting
	311.0	Prohibited Fittings and Practices		sockets, and laying lengths.
	313.0	Protection of Piping, Materials		ABS fitting markings shall be in accordance with ASTM D2661 or ASTM F628.
		and Structures		[UPC 301.1.2, 701.0, 903.0]
	314.0	Hangers and Supports	2.1.3	Solvent Cement
	316.1.1	Threaded Joints		Solvent cement shall be as specified in
	316.1.6	Type of Joints – Solvent Cement		ASTM D2235. Solvent cement labels shall
	316.2.3	Plastic Pipe Joints Plastic Pipe to Other Material		be in accordance with ASTM D2235.
	316.3.1	Flanged Fixture Connections	2.2	Protection of Piping
	316.4	Prohibited Joints and	2.2.1	Storage
	010.1	Connections		Pipe and fittings should not be stored in
	317.0	Increasers and Reducers		direct sunlight. However, exposure to direct sunlight during normal construc-
	408.4	Closet Flanges		tion periods is not considered harmful.
	701.0	Materials (Drainage)		Pipe shall be stored in such a manner as to
	707.1	Cleanout Fittings		prevent sagging or bending.

<sup>\*</sup>Although referenced in this standard, some of the fittings shown in the standard are not acceptable under the Uniform Plumbing Code.