Test Report No. 7191263930-MEC21/01C-LJY dated 07 OCT 2021

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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD 15A Tuas Avenue 18 #03-01 & #04-01 Singapore 638905

Attn : Mr Huang Sheng Jie

TEST METHOD:

SS 272 : 2012 Specification for Unplasticised PVC pipes and fittings below ground for drainlines and sewers

SAMPLE DESCRIPTION:

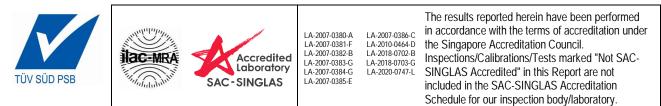
The following nominal size of uPVC fittings were submitted for testing on 10 September 2021.

Nominal Size	Tests Conducted	Painted markings on uPVC fittings submitted
Elbow - 110mm Elbow - 160mm	SUD 1. Dimensional Measurements 2. Hydrostatic Pressure Test 3.Stress Relief	

TEST LOCATION:

TÜV SÜD PSB Pte Ltd 60 Tuas South Street 1 Singapore 639925

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Laboratory: TÜV SÜD PSB Pte. Ltd. 15 International Business Park TÜV SÜD @ IBP Singapore 609937



Regional Head Office: TÜV SÜD Asia Pacific Pte. Ltd. 15 International Business Park TÜV SÜD @ IBP Singapore 609937 Add value. Inspire trust.





DATE OF TEST:

29 September to 02 October 2021

TEST RESULTS:

Nominal diameter		Elbow - 110mm			SS 272 : 2012 Clause 6.3, Table 3 Requirements
					110mm
Socket diameter		110.6			Min. 110.3,Max. 110.8
Socket Depth		52			Min. 48
Wall thickness (mm)	Readings	3.5	3.4	3.5	
	Average	1	3.5		Min. 3.1

Table 1: Dimensional Measurements

Nominal diameter		Elbow - 160mm			SS 272 : 2012 Clause 6.3, Table 3 Requirements 160mm
Soclet diameter		1 5	160.7) 🦼	Min.160.3 , Max.160.9
Socket Depth	1		78	_1	Min. 58
Wall thickness (mm)	Readings	4.3	4.3	4.2	
	Average		4.3	- /	Min.3.7

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TEST RESULTS: (Cont'd)

Table 2: Hydrostatic Pressure Test

Nominal Diameter	110mm 160mm		SS 272 : 2012	
Nominal Diameter	Elbow		Clause 11.1.6, Annex G Requirements	
Pressure of 70KPa	Comply		Shall have no leak	

Table 3: Stress Relief

Nominal Diameter	110mm	SS 272 : 2012	
Nominal Diameter	Elbow	Clause 11.2.4, Annex H Requirements	
Result	Comply	Not penetrate to a depth greater than 50% wall thickness	
Lim Jia Yi Associate Engineer	TUV SÜD	Tan Yong Xiang Team Leader Industrial Group Mechanical Centre	



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