

Test Report No. 7191245337-MEC20/3A-LNB
dated 30 NOV 2020



PSB Singapore

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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Ave 18 #03-01
Singapore 638905

Attn : Mr Huang ShengJie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

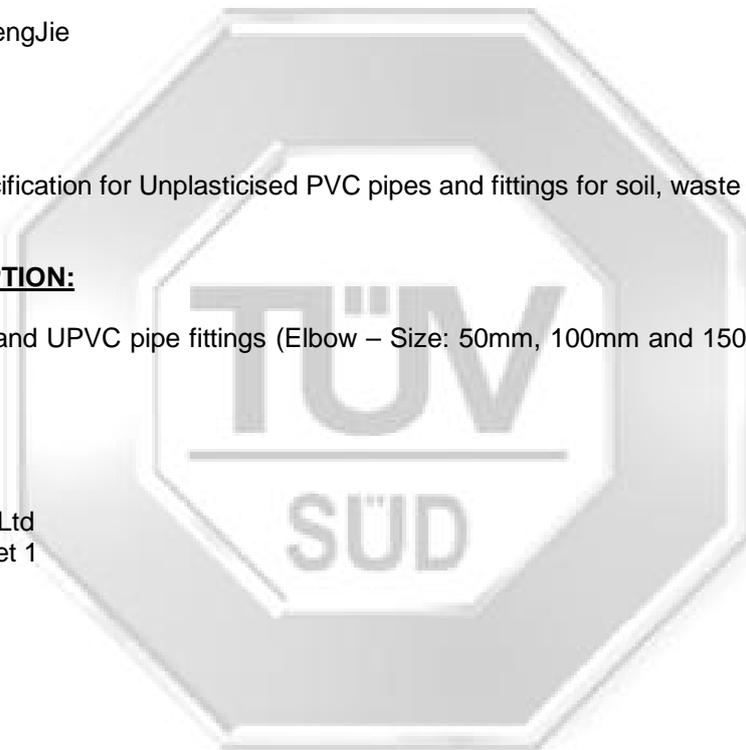
1 lot of "SNOW" Brand UPVC pipe fittings (Elbow – Size: 50mm, 100mm and 150mm) were received on 27 October 2020.

TEST LOCATION:

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

DATE OF TEST:

02 November 2020



LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0383-G
LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D
LA-2018-0702-B
LA-2018-0703-G
LA-2020-0747-L

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

Laboratory:
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1 Science Park Drive, #02-01
Singapore 118221
TUV®

TEST RESULTS:

(1) Dimensional Measurements of Fittings

Sample Size	Elbow			SS 213 : 1998 Requirements		
	50mm	100mm	150mm	50mm	110mm	160mm
Wall thickness	2.7	3.8	4.6	2.4 min	3.2 min	4.0 min
Socket depth	32.0	52.9	78.7	30.1 min	50.8 min	76.2 min
Socket diameter	55.9	110.4	160.1	55.7 min 56.0 max	110.0 min 110.4 max	160.0 min 160.5 max

(2) Stress Relief

Test	Elbow			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Stress Relief at 150°C for 30 min	Comply			Shall comply with Clause 9.2.4

(3) Hydrostatic Pressure

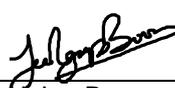
Test	Elbow			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Pressure of 70 kPa for 1 min	Comply			Shall comply with Clause 9.2.3

(4) Opacity

Test	Elbow			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Opacity	Comply			Shall comply with Clause 9.2.6

Note : The results of the softening point and PVC & titanium dioxide tests will be submitted separately


Tan Yong Xiang
Associate Engineer


Lee Ngai Boon
Senior Associate Engineer
Industrial Group
Mechanical Centre

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Effective 01 September 2020

