

**AP LANKA (PVT) LTD**

416/5, LEYLAND ROAD

Homagama-10200

LK

CONTACT PERSON : HARSHA DULIP**THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :**

SAMPLE DESCRIPTION	MODIK Aluminum Wall Mounting Box Enclosure
PART NO	775030
COLOUR	RAL 7035
OEM	OTHERS
COUNTRY OF ORIGIN	SRI LANKA
DATE OF REGISTRATION	04/10/2023
TEST(S) REQUESTED	IK07 TEST

TESTING PERIOD : 09/03/2024 – 09/03/2024**IK07 TEST :****Test Method** : IEC 62262: 2021**Test instrument** :

Instrument Name	Instrument ID	Calibration due date
Digital Weighing Balance	MECH/58	23/11/2024
Steel Scale	EL/029	09/10/2024
Impact Test Apparatus	ENV/013	-

Test condition : The sample was cleaned with cotton wool.
The sample was mounted on a rigid support.
The support was sufficiently rigid and no displacement of sample was observed during the impacts.
The weight of striking element and height was recorded prior to test.

Energy Value (J)	Striking element (Kg)	Drop height (mm)	No. of Drops	Location of Impact	Ambient temperature
2	0.5	400	15	All surface (Each surface 3 drops)	23.5°C

JOE No. : 2356800821

Control No.:1456503734

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**Characteristic group numerals of the IK code & their impact energy**

IK code	IK0 0	IK0 1	IK0 2	IK0 3	IK0 4	IK0 5	IK0 6	IK0 7	IK0 8	IK0 9	IK0 10
Impact Energy (J)	*	0.14	0.20	0.35	0.50	0.70	1	2	5	10	20

Characteristics of striking elements

Energy value, J	≤ 1 $\pm 10\%$	2 $\pm 5\%$	5 $\pm 5\%$	10 $\pm 5\%$	20 $\pm 5\%$	50 $\pm 5\%$
Equivalent mass $\pm 2\%$ kg.	0.25	0.50	1.70	5	5	10
Material	Polyamide	Steel	Steel	Steel	Steel	Steel

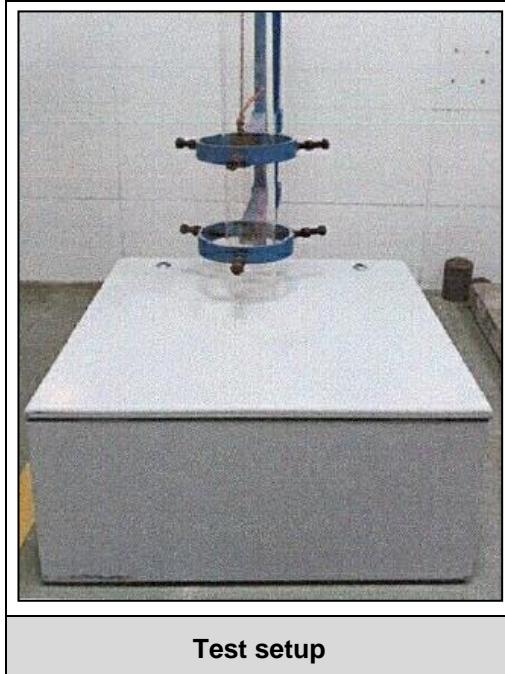
No. of Sample(s) : 01

Acceptance criteria : The specimen shall be submitted to the visual, dimensional and functional checks prescribed by the relevant specification. The relevant product standard shall specify the criteria upon which the acceptance or rejection of the sample is to be based, particularly.

- Admissible damages.
- Verification criteria relative to continuity of the safety and reliability of the equipment.

Observation :

Sample No.	Observation
1	No adverse changes found on the sample. No cracks or damages found on impact areas.

**Test photographs :****Test setup****Tested sample****JOE No. : 2356800821**

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Conclusion : Tested sample meets the requirement.

Note : 1. Test performed as per the conditions given by the client.
2. Above test is subcontracted to **SGS affiliated Lab.**

***** End of Report*****

Confidential Business Information**Authorized Signatory****Mishra Durga
(Senior Executive)**

mail your Test Report Related Enquiries at Feedback.trp@sgs.com

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