# VT. LTD. VIVEK EARTHING PVT. LTD. VIVEK EARTHING PVT. LTD. VIVEK EARTHING PVT. LTD. VIVEK E ARTHING PVT. LTD. **GI**D**Strip**r**Datasheet**. VIVEK EARTHING PVT. LTD. VIVEK EARTHING PVT. LTD.

# Material Description: ARTHING PVT. LTD. VIVEK EARTHING PVT. LTD.

Material: Galvanized Iron (G.I.)

IVEK EARTHING PVT. I • D. Coating: Hot-dip galvanized for superior corrosion resistance. NG PVT. LTD.

ARTHING PUT LTD. VIOLET Standards: Conforms to IS/ASTM standards. EK EARTHING PUT LTD.

## VEK EARTHING PUSPECIFICATIONS RITHING PUT. LTD. VIVEK EARTHING PUT. LTD.

Size (mm)	Width (mm)	Thickness (mm)	Coating (Micron)	Weight Kg.Gms
20 x 3	ID V20KEART	HING PV13LTD. VIV	EKEAR+86GPVT.	0.450
25 x 3	VIVEKE 25 HING P	vt. ltd. 3tvekea	RTHING+86 LTD. V	0.700
25 x 6	KEARTI 25G PVT. I	ID. VIV6KEARTH	+86	1.200
D. 132 x 6 ART	ING PV 32TD. VI	ÆK EART <b>6</b> IING PVT.	LTD. V+86 EARTH	ING 1.500D
40 x 6	40	VI. LID. 6 IVEKEA TO VIVEKEARTH	+86 LID.	2.000
EA50 x 6 PVT.	LID. V50KEART	HING PV1 <b>6</b> LTD. VIV	EKEAR+86G PVT.	7D 2.440
50 x 10	TVEKE 50 HING P	VI. LID. 10 VEKEA	+86 LTD	4.000
50 x 12	KEARTI <b>50</b> G PVT. L	TD. VI <b>12</b> KEARTH	ING PV 4862. VIV	EK E4.710 G
65 x10	ING PV 65 D. VI	EKEAR 10 NG PVT.	LTD V+86 EARTH	5.100
65 x12	TVEKE 65 HING P	VT. LTD. 12VEKEA	RIHING+86 LTD. V	6.120
EA 75 x 6 PVT	TD. V75KEART	HNG PV 16LTD. VIV	EKEAR+86G PVT.	3.530
75 x 10	ING PV 75TD. VI	EKEAR 10NG PVT.	+86 EARTH	6.000
75 x12	KEARTH <b>7.5</b> G PVT. 1	TD. VI1 <b>12</b> KEARTH	ING PV+86. VIV	EKE <b>7.070</b> 0
100 x 6	100 LARI	HING PV 16LTD. VIV VEK EARTHING PV T	+86 PVI	5.000
100 x 10	VIVEK H100HING P	VT. LTD. 10VEKEA	RTHING+86 LTD. V	7.850
100 x 12	100 FART	HING PUT 2 TO VIV	FK FAR +86 PVT	9.420

TD. VIVEKEARTH **Key Properties:** Earthing pvt. Ltd. VIVEKEARTHING pvt. Ltd. VIVEKEARTHING IVEKEARTHING IVEKEA

• Yield Strength: 240-370 MPa

- Tensile Strength: 370-520 MPa
- Coating Thickness: 70–100 microns
- Corrosion Resistance: High due to galvanization.

### **Applications of Earthing Systems:**

- Earthing/Grounding Systems: GI strips are often used in grounding systems for electrical installations. Their corrosion resistance makes them suitable for use in areas with high humidity or corrosive environments. They provide an effective pathway for fault currents to the ground, ensuring safety.
- **Construction**: In the construction industry, galvanized iron strips are used for reinforcement purposes, providing additional strength to concrete structures. They are also used for securing or supporting other materials.
- **Electrical Panels**: GI strips are used in electrical panels for bonding and grounding purposes, ensuring that all parts of the electrical system are properly grounded.
- Roofing and Cladding: Galvanized iron strips are sometimes used in roofing and cladding applications due to their durability and resistance to corrosion

## **Advantages:**

- Corrosion Resistance: Excellent due to galvanization.
- **Durability:** Suitable for long-term use.
- Cost-Effective: Affordable alternative to stainless steel.

## **Quality Assurance:**

- Coating thickness and adhesion tested.
- Mechanical properties tested as per standards.
- Supplied with material test certificates (MTC).

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This datasheet provides detailed information about G.I Strip in
various sizes, ensuring all relevant technical and application-specific
 details are covered for users and installers.
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