

COMPANY PROFILE + TECHNICAL CATALOGUE

Reliable Earthing. Protected Futures.

Manufacturer, supplier and installer of earthing equipment, grounding materials and lightning-protection systems - with expert technical guidance for industrial, solar, commercial and infrastructure projects.

EXPLORE THE CATALOGUE

CHAT ON WHATSAPP

WOMEN-LED / PUNE / PAN-INDIA SUPPLY / EST. 2022





FROM LEFT: TRUPTI / VAISHNAVI / SHRADDHA

OUR STORY

Three women. One ambition. A safer future.

Founded in Pune in 2022, WE7 Earthing Solutions began when three young women came together to build a dependable company for earthing and lightning-protection materials. That journey now continues as CoreWE7 Earthing India Private Limited - with personal service, practical guidance and responsive supply for projects across India.

- Women-led since day one
- Direct coordination with the founding partners
- Engineering-focused product and site conversations

Interactive contents

01 Company

Story, capabilities and working approach



02 Product range

Clickable visual product index



03 Electrode systems

GI, copper-bonded and pure copper



04 Ground enhancement

Compound, bentonite and pit protection



05 Conductors & plates

Strips, earthing plates and accessories



06 Lightning protection

Hollow, conventional spike and ESE terminals



07 Project services

Installation, documentation and site support



08 Enquiry

Contacts and fillable RFQ planner



Click any section above, use the PDF outline/bookmarks, or select CONTENTS in the footer from any page.

WHAT COREWE7 DELIVERS

Built around your site requirement

01

Manufacturing

Earthing electrodes, conductive materials and associated project-ready products.

02

Pan-India supply

Responsive dispatch coordination from Pune for industrial and infrastructure requirements.

03

Installation

Professional earthing and lightning-protection installation support for approved designs.

04

Technical guidance

Product selection support based on application, dimensions, soil condition and BOQ.

APPLICATIONS

Industrial plants

Solar projects

Commercial buildings

Telecom & data centres

Infrastructure

Residential projects

Share the application, quantity, site city, delivery postcode and any approved make list or soil information. CoreWE7 will confirm the suitable product configuration and required documentation in the quotation.

Product portfolio / Earthing systems



GI Earth Electrode

[VIEW DATA >](#)



GI Pipe-in-Strip

[VIEW DATA >](#)



GI Pipe-in-Pipe

[VIEW DATA >](#)



Copper-Bonded Electrode

[VIEW DATA >](#)



Copper-Bonded Pipe-in-Pipe

[VIEW DATA >](#)



Pure Copper Electrode

[VIEW DATA >](#)



Backfill Compound

[VIEW DATA >](#)



Bentonite Powder

[VIEW DATA >](#)



Polymer Earth Pit Cover

[VIEW DATA >](#)



Cast-Iron Pit Cover

[VIEW DATA >](#)



RCC Chamber Cover

[VIEW DATA >](#)



GI Earthing Strip

[VIEW DATA >](#)

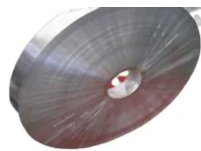
Select any product card to jump directly to its technical section.

Product portfolio / Conductors, protection & project range



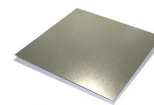
Copper Earthing Strip

[VIEW DATA >](#)



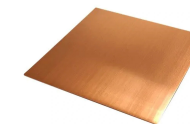
Aluminium Earthing Strip

[VIEW DATA >](#)



GI Earthing Plate

[VIEW DATA >](#)



Copper Earthing Plate

[VIEW DATA >](#)



Hollow Lightning Terminal

[VIEW DATA >](#)



ESE Lightning Arrester

[VIEW DATA >](#)



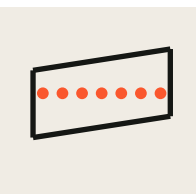
Conventional Spike

[VIEW DATA >](#)



GI Funnel Pipe

[VIEW DATA >](#)



Cable Tray Systems

[VIEW DATA >](#)



Aviation Warning Lights

[VIEW DATA >](#)

Select any product card to jump directly to its technical section.

TECHNICAL PRODUCT DATA

GI Earthing Electrode



Galvanised iron single-pipe electrodes available across the profile-listed diameter and length range.

KEY CHARACTERISTICS

- Hot-dip galvanised construction
- Durable, fabrication-ready configuration
- Project-selected diameter and terminal

PROFILE-LISTED SPECIFICATION

Ref.	Outer dia. (mm)	Length (m)	Terminal (mm)	Material	Type
1	50	1	40 x 6	GI	Single pipe
2	50	2	40 x 6	GI	Single pipe
3	50	3	40 x 6	GI	Single pipe
4	80	1	50 x 6	GI	Single pipe
5	80	2	50 x 6	GI	Single pipe
6	80	3	50 x 6	GI	Single pipe
7	88	1	50 x 6	GI	Single pipe
8	88	2	50 x 6	GI	Single pipe
9	88	3	50 x 6	GI	Single pipe
10	100	3	50 x 6	GI	Single pipe

Catalogue size range from the supplied legacy profile. Final dimensions, grade, coating, test documentation and applicable standards are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

GI Pipe-in-Strip Electrode



A GI pipe electrode with an internal HDGI strip and profile-listed terminal configuration.

KEY CHARACTERISTICS

- Internal strip construction
- Filled and capped electrode format
- Customisation subject to project requirement

PROFILE-LISTED SPECIFICATION

Ref.	Outer dia. (mm)	Length (m)	Terminal (mm)	Inner strip (mm)	Material
GI.PS1	50	1	40 x 6	25 x 3	HDGI
GI.PS2	50	2	40 x 6	25 x 3	HDGI
GI.PS3	50	3	40 x 6	25 x 3	HDGI
GI.PS4	80	1	50 x 6	50 x 6	HDGI
GI.PS5	80	2	50 x 6	50 x 6	HDGI
GI.PS6	80	3	50 x 6	50 x 6	HDGI
GI.PS7	88	1	50 x 6	50 x 6	HDGI
GI.PS8	88	2	50 x 6	50 x 6	HDGI
GI.PS9	88	3	50 x 6	50 x 6	HDGI
GI.PS10	100	3	50 x 6	50 x 6	HDGI

• Catalogue size range from the supplied legacy profile. Final dimensions, grade, coating, test documentation and applicable standards are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

GI Pipe-in-Pipe Electrode



Pipe-in-pipe HDGI construction intended to provide a durable current-dissipation path in selected applications.

KEY CHARACTERISTICS

- Pipe-in-pipe configuration
- Suitable for project-selected applications
- Multiple diameters and lengths

PROFILE-LISTED SPECIFICATION

Ref.	Outer dia. (mm)	Length (m)	Terminal (mm)	Inner pipe dia. (mm)	Material
GI.PP1	50	1	40 x 6	25	HDGI
GI.PP2	50	2	40 x 6	25	HDGI
GI.PP3	50	3	40 x 6	25	HDGI
GI.PP4	80	1	50 x 6	50	HDGI
GI.PP5	80	2	50 x 6	50	HDGI
GI.PP6	80	3	50 x 6	50	HDGI
GI.PP7	88	1	50 x 6	50	HDGI
GI.PP8	88	2	50 x 6	50	HDGI
GI.PP9	88	3	50 x 6	50	HDGI
GI.PP10	100	3	50 x 6	50	HDGI

• Catalogue size range from the supplied legacy profile. Final dimensions, grade, coating, test documentation and applicable standards are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

Copper-Bonded Earthing Electrode



Copper-bonded single-pipe electrodes balancing conductivity, mechanical strength and service life.

KEY CHARACTERISTICS

- Copper bonding up to 250 microns where specified
- Corrosion-resistant construction
- Cost-effective alternative for long-life applications

PROFILE-LISTED SPECIFICATION

Ref.	Outer dia. (mm)	Length (m)	Terminal (mm)	Material	Type
CB1	50	1	40 x 6	Copper bonded	Single pipe
CB2	50	2	40 x 6	Copper bonded	Single pipe
CB3	50	3	40 x 6	Copper bonded	Single pipe
CB4	80	1	50 x 6	Copper bonded	Single pipe
CB5	80	2	50 x 6	Copper bonded	Single pipe
CB6	80	3	50 x 6	Copper bonded	Single pipe
CB7	88	3	50 x 6	Copper bonded	Single pipe

• The supplied legacy profile lists copper bonding up to 250 microns where specified. Final base material, bonding thickness, dimensions and test documentation must be confirmed for the offered model.

TECHNICAL PRODUCT DATA

Copper-Bonded Pipe-in-Pipe Electrode

PROFILE-LISTED SPECIFICATION



Copper-bonded pipe-in-pipe construction with the cavity and internal space configured for the selected system.

KEY CHARACTERISTICS

- Pipe-in-pipe construction
- Conductive and anti-corrosive fill where specified
- Project-specific technical confirmation

Ref.	Outer dia. (mm)	Length (m)	Terminal (mm)	Inner pipe dia. (mm)	Material
CB.PP1	50	1	40 x 6	25	Copper bonded
CB.PP2	50	2	40 x 6	25	Copper bonded
CB.PP3	50	3	40 x 6	25	Copper bonded
CB.PP4	80	1	50 x 6	50	Copper bonded
CB.PP5	80	2	50 x 6	50	Copper bonded
CB.PP6	80	3	50 x 6	50	Copper bonded

• The legacy profile contains inconsistent process wording for this family. This edition preserves the listed dimensions while requiring material construction, bonding thickness, fill and documentation to be confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

Pure Copper Earthing Electrode



High-conductivity pure copper rods and single-pipe electrodes for demanding earthing applications.

KEY CHARACTERISTICS

- Pure-copper construction
- Fast fault-current dissipation
- Low-maintenance, installation-ready formats

PROFILE-LISTED SPECIFICATION

Ref.	Dia. (mm)	Length (m)	Terminal (mm)	Material	Type
PC1	14	1	40 x 6	Pure copper	Single rod
PC2	14	2	40 x 6	Pure copper	Single rod
PC3	14	3	40 x 6	Pure copper	Single rod
PC4	17	1	40 x 6	Pure copper	Single rod
PC5	17	2	40 x 6	Pure copper	Single rod
PC6	17	3	40 x 6	Pure copper	Single rod
PC7	20	1	40 x 6	Pure copper	Single rod
PC8	20	2	40 x 6	Pure copper	Single rod
PC9	20	3	40 x 6	Pure copper	Single rod
PC10	25	1	40 x 6	Pure copper	Single rod
PC11	25	2	40 x 6	Pure copper	Single rod
PC12	25	3	40 x 6	Pure copper	Single rod
PC13	50	1	40 x 6	Pure copper	Single pipe
PC14	50	2	40 x 6	Pure copper	Single pipe
PC15	50	3	40 x 6	Pure copper	Single pipe
PC16	80	1	50 x 6	Pure copper	Single pipe
PC17	80	2	50 x 6	Pure copper	Single pipe
PC18	80	3	50 x 6	Pure copper	Single pipe

• The apparent legacy code typo PC168 has been normalised to PC18 for sequence continuity. Final copper purity, dimensions, terminal detail and test documentation are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

Ground Enhancement Materials



BACKFILL COMPOUND

Graphite-based conductive compound used to improve electrode-to-soil contact where specified.

- High conductivity
- Moisture-retention support
- Non-corrosive profile claim
- Low-maintenance application

Ref.	Pack (kg)	Specification
CB.1	5	Graphite base
CB.2	15	Graphite base
CB.3	25	Graphite base



BENTONITE POWDER

Sodium-base and calcium-base bentonite for moisture retention and reduced electrode-to-soil contact resistance.

- Thermally stable mineral material
- Moisture absorption and swelling
- Supports lower contact resistance
- Project-selected base type

Ref.	Pack (kg)	Specification
BP.1	25	Sodium base
BP.2	40	Sodium base
BP.3	25	Calcium base
BP.4	40	Calcium base

● Soil treatment must be selected using site conditions and the approved earthing design. Final pack, composition, application quantity, safety data and test documentation are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

Polymer Earth Pit Cover



Durable chamber covers intended to protect earthing terminations while retaining access for inspection and testing.

KEY CHARACTERISTICS

- Environment-matching green top
- Side access for strips or wires
- Lightweight and corrosion-resistant
- Easy routine inspection access

PROFILE-LISTED SPECIFICATION

Ref.	Shape	Profile-listed size
PC.1	Round	6 inch
PC.2	Round	12 inch
PC.3	Square	250 x 250 mm
PC.4	Square	300 x 300 mm
PC.5	Square	450 x 450 mm

• Catalogue size range from the supplied legacy profile. Final dimensions, grade, coating, test documentation and applicable standards are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

Heavy-Duty Chamber Covers



CAST-IRON COVER

Cast-iron covers for robust protection of earthing inspection points.

- Smooth finish
- Crack-resistant construction
- Long service life
- Easy installation

Ref.	Size (mm)	Material
CI.1	300 x 300	Cast iron
CI.2	450 x 450	Cast iron
CI.3	600 x 600	Cast iron



RCC CHAMBER COVER

RCC chamber covers for residential areas, footpaths, street lanes and project-selected traffic conditions.

- Durable RCC construction
- Long service life
- Cost-effective protection
- Easy access and installation

Ref.	Size (mm)	Material
RC.1	300 x 300	RCC
RC.2	450 x 450	RCC
RC.3	600 x 600	RCC

● The legacy profile labels the 300, 450 and 600 chamber dimensions as centimetres; this edition uses millimetres, consistent with the current website catalogue. Final clear opening, overall dimensions, load rating and frame details are confirmed in the approved quotation.

CONDUCTORS

Earthing strips



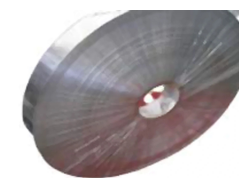
HDGI

Ref.	Size (mm)	Material
HDGIS.1	25 x 3	HDGI
HDGIS.2	25 x 5	HDGI
HDGIS.3	32 x 5	HDGI
HDGIS.4	40 x 5	HDGI
HDGIS.5	40 x 6	HDGI
HDGIS.6	50 x 5	HDGI
HDGIS.7	50 x 6	HDGI
HDGIS.8	75 x 6	HDGI
HDGIS.9*	75 x 10	HDGI



PURE COPPER

Ref.	Size (mm)	Material
PCS.1	20 x 3	Pure copper
PCS.2	25 x 3	Pure copper
PCS.3	25 x 5	Pure copper
PCS.4	32 x 5	Pure copper
PCS.5	40 x 5	Pure copper
PCS.7	50 x 3	Pure copper
PCS.8	50 x 5	Pure copper



ALUMINIUM

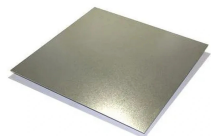
Ref.	Size (mm)	Material
ALS.1	20 x 3	Aluminium
ALS.2	25 x 3	Aluminium
ALS.3	25 x 5	Aluminium
ALS.4	32 x 5	Aluminium
ALS.5	40 x 5	Aluminium
ALS.7	50 x 3	Aluminium
ALS.8	50 x 5	Aluminium

*The duplicated legacy reference HDGIS.8 has been normalised to HDGIS.9 for the 75 x 10 mm row. Final width, thickness, material grade, finish and length are confirmed in the approved quotation.

TECHNICAL PRODUCT DATA

Earthing plates

GI EARTHING PLATE

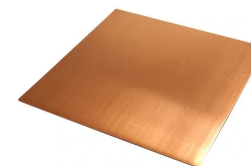


Galvanised iron plates for approved industrial, commercial and infrastructure earthing designs.

- Corrosion-resistant finish
- Project-selected dimensions
- Installation-ready fabrication

Ref.	Size (mm)	Material
GIP.1	300 x 300 x 3	GI
GIP.2	450 x 450 x 3	GI
GIP.3	600 x 600 x 3	GI
GIP.4	300 x 300 x 6	GI
GIP.5	450 x 450 x 6	GI
GIP.6	600 x 600 x 6	GI

PURE COPPER PLATE



Pure copper plates for high-conductivity earthing arrangements selected against the approved design.

- High conductivity
- Project-selected dimensions
- Durable pure-copper construction

Ref.	Size (mm)	Material
PCP.1	300 x 300 x 3	Pure copper
PCP.2	450 x 450 x 3	Pure copper
PCP.3	600 x 600 x 3	Pure copper
PCP.4	300 x 300 x 6	Pure copper
PCP.5	450 x 450 x 6	Pure copper
PCP.6	600 x 600 x 6	Pure copper

● Plate dimensions are stated in millimetres and thickness is the final value in each size expression. Final grade, coating, design and installation are confirmed in the approved quotation.

LIGHTNING PROTECTION

Air terminals & conventional protection



HOLLOW COPPER TERMINAL

A copper air terminal for use within an engineered lightning-protection system.

Attribute	Profile-listed value
Material	Copper
Air-terminal diameter	25 mm
Length	1 m
Colour	Copper
Country of origin	Made in India



CONVENTIONAL SPIKE TERMINAL

Conventional spike terminals are positioned on approved high points and connected to a coordinated down-conductor and earthing network.

SYSTEM CONSIDERATIONS

- Roof or mast terminal layout
- Copper, aluminium or GI conductor compatibility
- Bonding to metallic components
- Coordinated grounding network

• Lightning-protection performance depends on the complete engineered system - air terminals, conductor routing, bonding, surge protection and earthing. Final layout and standards must be confirmed by an approved design.

TECHNICAL PRODUCT DATA

ESE Lightning Arrester



An Early Streamer Emission air terminal supplied as one element of a coordinated lightning-protection system.

KEY CHARACTERISTICS

- Air-terminal component
- Selected coverage model
- Used with down conductor, counter and earthing
- Requires an approved lightning-protection design

PROFILE-LISTED SPECIFICATION

Ref.	Nominal radius (m)	Weight (kg)	Dia. (mm)	Length (mm)
ES.1	56	3.3	50	350
ES.2	79	4.6	65	350
ES.3	110	6	75	350

• Profile-listed radius values are nominal and must not be used as a stand-alone design basis. Final model, protection level, coverage, standards, placement, conductor system and earthing must be confirmed by an approved lightning-protection design.

TECHNICAL PRODUCT DATA

Funnel Pipes & Earthing Insulators



GI FUNNEL PIPE

HDGI funnel-pipe accessories available in the profile-listed outer diameters and lengths.

- Galvanised construction
- Multiple diameters
- Project-selected clamp size

Ref.	Outer dia. (mm)	Length (m)	Clamp (mm)	Material
FP.1	25	1	50 x 6	HDGI
FP.2	25	2	50 x 6	HDGI
FP.3	25	3	50 x 6	HDGI
FP.4	50	1	50 x 6	HDGI
FP.5	50	2	40 x 6	HDGI
FP.6	50	3	40 x 6	HDGI
FP.7	80	1	50 x 6	HDGI
FP.8	80	2	50 x 6	HDGI
FP.9	80	3	50 x 6	HDGI



SOLAR EARTHING INSULATOR

DMC insulators in T-shape, flat and round profiles for selected conductor arrangements.

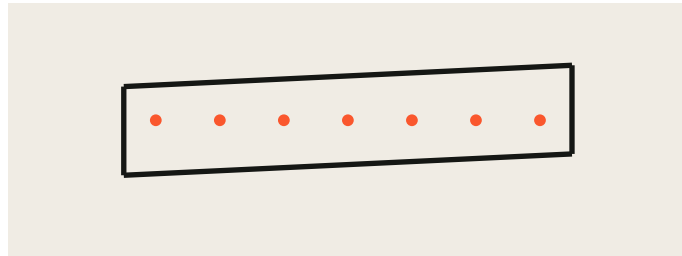
- DMC material
- Multiple profiles
- Selection against strip or conductor requirement

Ref.	Shape	Size	Material
IN.1	T-shape	25 x 3	DMC
IN.2	Flat	25 x 3	DMC
IN.3	Flat	25 x 5	DMC
IN.4	Flat	50 x 5	DMC
IN.5	Round	40 x 10	DMC
IN.6	Round	50 x 12	DMC

● Profile-listed sizes are reproduced for enquiry planning. Final material, dimensions, loading, installation and documentation are confirmed in the approved quotation.

PROJECT-SELECTED RANGE

Cable management, aviation safety & accessories



CABLE TRAY SYSTEMS

Perforated, ladder or project-selected cable-management systems. GI, HDGI, aluminium and stainless-steel options may be selected against the BOQ.

CONFIRM AT ENQUIRY

- Tray type and width
- Material and thickness
- Load class and support span
- Finish and accessories



AVIATION OBSTRUCTION LIGHTS

Obstacle-warning lights for high-rise structures and towers, selected to suit the approved aviation requirement.

CONFIRM AT ENQUIRY

- Low, medium or high intensity
- Red or white output
- Steady or flashing operation
- Power, IP rating and mounting



COPPER WIRE & FITTINGS

Conductors, clamps, connectors and associated fittings for coordinated earthing and lightning-protection installations.

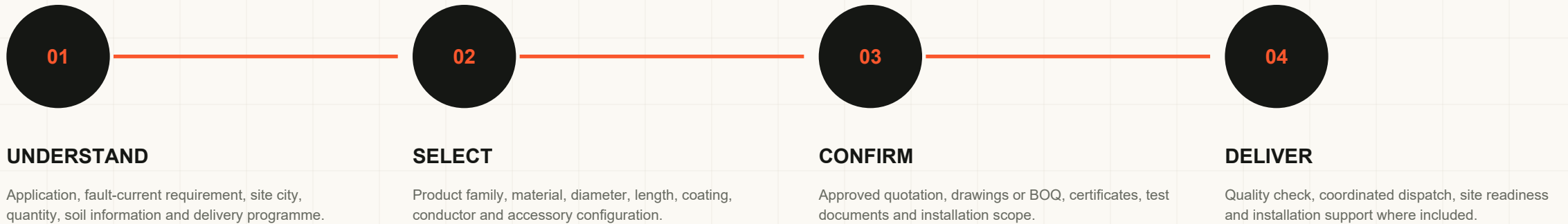
CONFIRM AT ENQUIRY

- Conductor size
- Termination method
- Material compatibility
- Approved accessory set

• These ranges are project-selected. Final product type, dimensions, performance, approvals and installation accessories are confirmed against the client BOQ and applicable design requirements.

PROJECT DELIVERY

From requirement to site-ready supply



INSTALLATION NOTE

Earthing and lightning-protection performance is site-specific. Electrode placement, spacing, conductor routing, bonding, soil treatment and final resistance testing should follow the approved design and be carried out by competent personnel. Measurements and acceptance criteria must be agreed for the project.

[REQUEST A PROJECT QUOTE](#)

This catalogue supports product selection and enquiry planning. It does not replace a project-specific engineering design, approved method statement or statutory compliance review.

■ QUALITY & DOCUMENTATION

Clear evidence with the approved supply

01 Material confirmation

Material, dimensions, grade, coating and quantity matched to the approved quotation.

02 Inspection & testing

Applicable inspection records and test documentation agreed for the offered product.

03 Certificates

Applicable product certificates and compliance documents confirmed before order finalisation.

04 Traceable enquiry

Product family, configuration and project assumptions kept clear in the quotation trail.

■ BEFORE YOU ORDER

- Share the complete BOQ or dimensions
- Identify the application and location
- Confirm material and corrosion exposure
- State required standards and documents
- Agree installation and testing scope

[OPEN WEBSITE](#)

[WHATSAPP](#)

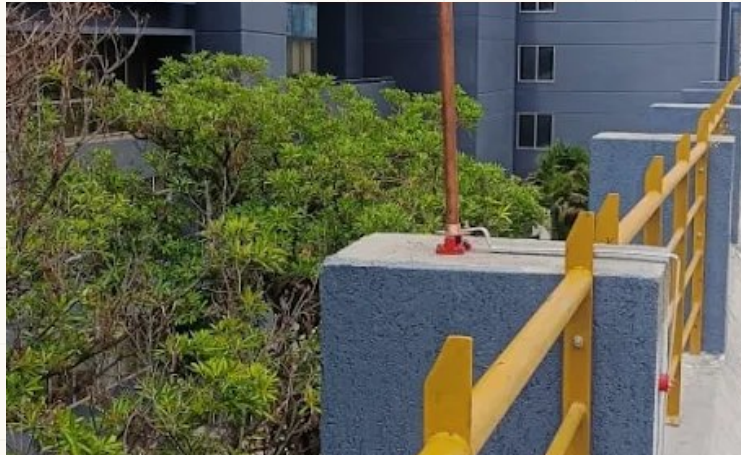
● CoreWE7 will confirm the exact evidence package applicable to the selected product and project. No generic certification claim should be treated as a substitute for the approved quotation and submitted documents.

COREWE7 IN ACTION

Product supply, installation & site coordination



MATERIAL DISPATCH



ROOFTOP PROTECTION



INSTALLED AIR TERMINAL

WORKING PRINCIPLES

- Responsive coordination from requirement to dispatch
- Practical guidance for product and site selection
- Professional installation support where included
- Pan-India supply from Pune

• Site photographs shown here are from the CoreWE7 / WE7 public business presence. Project conditions and installation scope vary by site.

[VIEW GOOGLE BUSINESS PROFILE](#)

■ LET US DISCUSS YOUR REQUIREMENT

Direct access to the founding team



Vaishnavi

+91 77760 77026

CALL

WHATSAPP



Shraddha

+91 70317 77747

CALL

WHATSAPP



Trupti

+91 77760 77024

CALL

WHATSAPP

1058, Abhinav Chowk, Opp. Abil Building, Tilak Road, Shukhrawar Peth, Pune 411002, Maharashtra

sales@we7earthing.com / www.we7earthing.com

OPEN MAP

OPEN WEBSITE

FILL RFQ

● For the fastest response, share the application, product or BOQ, quantity, city, postcode and required delivery date. Quotation enquiries are coordinated through the CoreWE7 enquiry desk.

INTERACTIVE ENQUIRY PLANNER

Prepare a clear project requirement

Type directly into the fields, save the PDF and share it with CoreWE7. The quick-contact buttons below open your email or WhatsApp application.

COMPANY / CUSTOMER NAME

CONTACT PERSON

PHONE AND EMAIL

PROJECT LOCATION / DELIVERY POSTCODE

APPLICATION / INDUSTRY

REQUIRED DELIVERY DATE

PRODUCTS, SIZES AND QUANTITIES

BOQ, SOIL CONDITION, STANDARDS OR OTHER NOTES

☐

Include applicable certificates / test documents

☐

Installation support required

☐

Site discussion / visit required

Note: attach this saved PDF in your email or WhatsApp conversation.

EMAIL COMPLETED REQUIREMENT

CHAT ON WHATSAPP



CoreWE7 Earthing India

PRIVATE LIMITED Formerly WE7 Earthing Solutions

START A PROJECT CONVERSATION

Your site. The right earthing. One clear quotation.

Share your product list, quantities and location. CoreWE7 will help confirm the suitable configuration, documentation and supply plan.

CHAT ON WHATSAPP

OPEN WEBSITE

FILL RFQ

+91 77760 77026 / SALES@WE7EARTHING.COM

CoreWE7 Earthing India Private Limited / Formerly WE7 Earthing Solutions / Pune, India

