



ARGOS INTERNATIONAL

Lightning protection and earthing systems

ARGOS INTERNATIONAL, Sicame Group subsidiary, offers solutions to the lightning protection and earthing market. ARGOS INTERNATIONAL brings to its customers a wide and competitive range. Our dedicated teams respond quickly to all requests to ensure the most efficient service, taking into account each project has its own specific requirements.

- Our range is divided in four distinct parts :
- Lightning protection
 - Conductors
 - Exothermic Welding ARGOSWELD®
 - Earthing

LIGHTNING PROTECTION

LIGHTNING RODS

C Multi-point: used in conjunction with the taper pointed copper air rods.

A Stainless steel simple rod: any length, any diameter

B Copper simple rod: length : 500mm and 1000mm.

FIXINGS - COUPLINGS

- D** Flat air rod saddle: to support air rod on flat roof surfaces
- E** Square tape clamps: Connections in X, T and straight.
- F** Metallic DC clips: to fix flat conductor on the building.
- G** One hole cable clips: to fix round conductor on any surfaces.
- H** Light duty air rod saddle: to support air rods on flat roof surfaces
- I** Square cable clamps: Connections in X, T and straight.
- J** Metallic cable clips: to fix stranded conductor on the building.
- K** Tape clips: to fix flat conductor on the building.

CONDUCTORS

L Bare stranded copper conductors: used for lightning protection and earthing system.

M Stranded copper coated steel conductor

EXOTHERMIC WELDING ARGOSWELD®

N Mould:

- made in graphite
- Usable for 80-100 weldings : for round, tape conductors, earth rods, rebar, steel.



O Powder:

- in tube or bag
- from 25 to 400g
- delivered with metallic disc and ignition powder.



P Handle clamp:

- to close the mold
- made in steel
- 3 sizes available

EARTHING



Q U Bolt clamp: to connect flat tapes and stranded cables to earth rods, reinforcing bars, hand rails.

R Split bolt connector.: for a wide range of stranded copper conductors

S Earth rod to clamps.: used for joining earth rods to different sizes of conductor (cable or tape).

T Earth bonding points.: installed to provide an earth system connection point.

U C crimp connector.: for tape and parallel connections of stranded copper cables.

V Copper tubular lugs:

- Electrolytic or tin-plated copper
- Electrolytic tin-plating process
- From 2,5 to 630mm².
- Fast and direct connection of cable on the palm

W Preinsulated copper tubular lugs for flexible cables :

- Tin-plated copper.
- From 10 to 120mm².
- Fast and direct connection of cable on the palm

X Light duty Earth inspection housing.

Y Isolating spark gap : installed for lightning equipotential bonding.

Z Earth bar:

- Size upon request.
- Bar : hard drawn copper bar.

AA Inspection housing earth bar : for multiple connections to the earth rods, size upon request.

AB ARGOS Earthing Enhancing compounds.:

- Graphite powder, bentonite, portland cement.
- Resistivity less than 0,5 Ohm.
- PH 10,7-11,3.
- Performs in all soil conditions.

AC Copper coated earth rods:

- 99,95% pure copper
- Length : from 1 to 3m,
- Size : 5/8 or 3/4 (14,2mm or 17,2mm)
- Standard copper thickness, 254µ

