

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:

U Bolt clamp:

- Lightning protection
- Conductors
- Exothermic Welding ARGOSWELD®

to connect flat tapes and

stranded cables to earth

rods, reinforcing bars, hand

Earthing

## LIGHTNING PROTECTION

### **LIGHTNING RODS**



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

Stainless steel simple rod: any length, any diameter



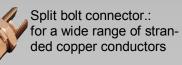
Copper simple rod: length: 500mm and 1000mm.

#### **EARTHING**



C crimp connector.:

for tape and parallel connections of





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

#### **FIXINGS - COUPLINGS**



Flat air rod saddle: to support air rod on flat roof surfaces

Square tape clamps:

straight.

Connections in X, T and



Ligth duty air rod saddle: to support air rods on flat roof surfaces



Square cable clamps: Connections in X, T and straight.



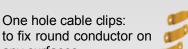
Metallic DC clips: to fix flat conductor on the building.

One hole cable clips:

any surfaces.

svstem.

conductor



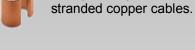
to fix stranded conductor on the building.

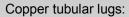


Tape clips: to fix flat conductor on the

Metallic cable clips:







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

Preinsulated copper tubular lugs for flexible cables

- Tin-plated copper.
- From 10 to 120mm<sup>2</sup>.
- Fast and direct connection of cable on the palm



Light duty Earth inspection housing.



Isolating spark gap: installed for lightning equipotential bonding.



Earth bar:

- Size upon request.
- Bar : hard drawn copper

Inspection housing earth bar: request.

# for multiple connections to the earth rods, size upon

## **EXOTHERMIC WELDING ARGOSWELD®**

CONDUCTORS

used for lightning protection and earthing

Stranded copper coated steel

Bare stranded copper conductors:





• made in graphite

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



• in tube or bag

• from 25 to 400g · delivered with metallic disc and ignition powder.



Handle clamp:

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



ARGOS Earthing Enhancing compounds.:

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



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



