



CPT

nimbus®

ESE LIGHTNING ROD

new



Designed and tested in full accordance with the new
NF C 17-102:2011 standard



ESE

The state-of-the-art electronic device (ESE technology) allows the new nimbus® lightning rods to offer the highest levels of early streamer emission.

30,000

The quality and reliability of the nimbus® range is backed by Cirprotec's experience, with over 30,000 lightning rods installed worldwide.



CPT cirprotec

nimbus® 60

ESE / PDC / PDA
77901160

At=60µs
I_{imp} (10/350)=200 kA
NF C 17-102:2011
UNE 21186:2011

SN 20130601
Made in EU



Maintenance benefits

It is essential to maintain all lightning protection systems.

Regular **preventive maintenance** must be performed on lightning protection systems to ensure they are in proper working order.

Corrective maintenance must also be carried out after any lightning strike, with special attention to the following points of the installation:

- Inspection of the ESE electronic air terminal and down conductor
- Conductivity of the down conductor
- Verification of ground connection

LR tester is a device for checking the electronic emission circuit of Nimbus® lightning rods, to ensure the lightning protection system is in proper working order.

Improve grounding conductivity with LOWPAT®

Achieve the desired value effortlessly

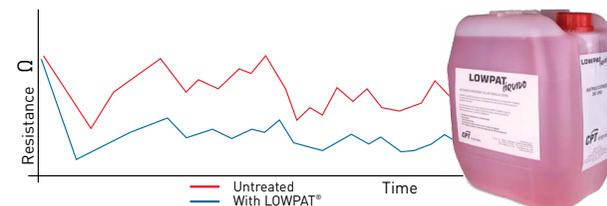
LOWPAT® is a long-lasting liquid activating compound for earth connections which enables the reduction of grounding resistance in high-resistance soils and maintains the optimum value for years.

Why do you need good earthing?

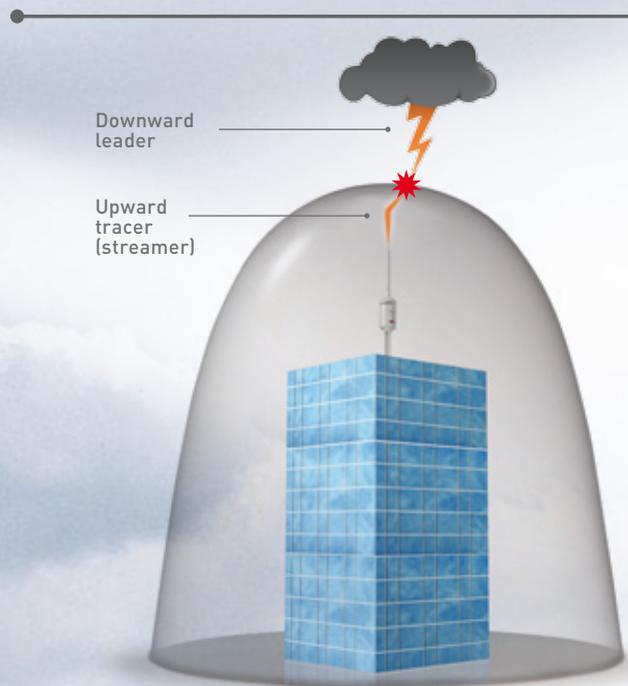
Grounding systems allow the discharge energy to be safely shunted to earth, dissipating it through the ground in a way that presents no risk to people or installed equipment. Low ground resistance is required for this.



www.cirprotec.com/uk/lowpat



ESE technology



Early streamer emission (ESE) lightning rods



ESE-Early Streamer Emission technology makes use of the atmospheric gradient to generate ionisation which can substantially increase the protected volume. This facilitates the protection of large areas, simplifying and reducing material and installation costs.

- Radius of protection up to 120 m.
- Savings of over 30% compared to a passive system.
- Easy to install and maintain.



www.cirprotec.com/uk/nimbus

Certified quality, beyond the standard

Nimbus® lightning rods exceed the design and testing requirements of the new standard NF C 17-102:2011 with the objective of making them more robust and reliable.

- Bureau Veritas product certificate
- Test certificate from LRIC (laboratory accredited by ENAC, the Spanish national accreditation body).
- Designed and manufactured in Europe.



www.cirprotec.com/uk/bureau-veritas



Lightning discharge counter

How many strikes have there been on the installation?

The new CDR-401 discharge counter can be installed quickly and easily and is suitable for down conductors or platens. Its clip-on design makes it ideal for existing installations – you just clip around the cable, press and close.

- **Maximum performance and reliability.**
- **The open core allows the counter to be installed on existing down conductors**



www.cirprotec.com/uk/cdr



Accessories

Cirprotec offers a wide range of accessories for configuring a Lightning Protection System (LPS): mast anchorage, down conductor system, earthing system and meters and testers for checking and maintaining the installation.



www.cirprotec.com/uk/lightning



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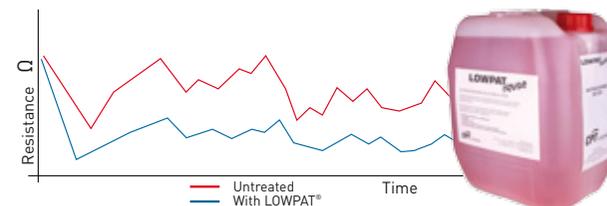
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www.cirprotec.com/uk/lowpat



20 YEARS PROTECTING cirprotec.com

Specialists in comprehensive lightning and surge protection. Specific solutions for all types of application.
For more information contact our technical sales department or www.cirprotec.com



Transient surge Protection
(Electrical supply)



POP Power frequency overvoltage protection
(Electrical supply)



Surge protection for telecom and signalling networks



External lightning protection systems



Monitoring of grounding systems



Insulation monitoring



Beacon systems



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