

Lightning Protection Products

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Lightning is the most spectacular weather event. With climate control a standard feature in most buildings and vehicles these days we have a false sense that the environment possesses nothing that can threaten us. Lightning has recurrently proven that complacency costs lives. Unless a structure is supported by a lightning protection system designed to be compliant with all applicable industry standards, and constructed from sector leading components then the risk of loss to life, property and data is intolerable. A direct lightning strike can destroy a building, everyone in and around it, and anything within it. Also an indirect strike can have disastrous consequences unless adequate protection is installed.

The standard to dictate lightning protection requirements is BS EN 62305:2006 Protection against Lightning, which has replaced BS 6651. Our design and technical staff are fully conversant with the new standard and are able to incorporate this into their recommendations. Other standards, design specifications or regulations may influence a structure, but thankfully Sovereign EPS are able to incorporate and respond to the demands of any specification or requirement.

The products we offer use only the best of materials available to the industry ensuring the best protection for your site. These products will guarantee that should a strike occur the current will be safely carried away to earth limiting the damage to life and property. All of the products within our range meet the applicable industry standards.



Lightning Protection Products

Flat Tape System

Air Terminals

Air Rods

Part No.	Rod Dia. (mm)	Thread Dia. (mm)	Length (mm)	Material	Weight Kg
SHAE-15	15	16	500	Copper	0.73
SHAE-40	15	16	1000	Copper	1.51
SAAE-15	15	16	500	Aluminium	0.29
SAAE-40	15	16	1000	Aluminium	0.53



Multi-Point

Part No.	Rod Dia. (mm)	Material	Weight Kg
SMPT15	15	Copper	0.28



Air Terminal Bases

Part No.	Rod Dia. (mm)	Thread Dia. (mm)	Maximum Conductor Width (mm)	Material	Weight Kg
SHLD-1625	15	16	25	Gunmetal	0.43
SALD-1625	15	16	25	Aluminium	0.14



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Air Terminal Base - Circular System

Part No.	Rod Length (mm)	Rod Dia. (mm)	Thread Dia. (mm)	Material	Weight Kg
SSD-155	50	15	16	Gunmetal	1.03
SDD-160	70	15	16	Gunmetal	0.95
SSD-165	90	15	16	Gunmetal	0.95



Ridge Saddle

Part No.	Rod Dia. (mm)	Thread Dia. (mm)	Maximum Conductor Width (mm)	Material	Weight Kg
SHRDS-1	15	16	31	Gunmetal	1.07



Air Terminal Fixings

Rod Brackets

Part No.	Air Rod Dia. (mm)	Rod Material	Weight Kg
SHSM-10	10	Gunmetal	0.9
SHSM-15	15	Gunmetal	0.9
SASM-15	15	Aluminium	0.28



Rod-Tape Coupling

Part No.	Air Rod Dia. (mm)	Thread Dia. (mm)	Rod Material	Weight Kg
SHRT-16T	15	16	Gunmetal	0.23
SHRT-16A	15	16	Aluminium	0.08



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Test & Junction Clamp

Square Tape Clamps

Part No.	Conductor Size (mm)	Conductor Material	Weight Kg
SHSTC-253	25 x 3	Gunmetal	0.2
SHSTC-256	25 x 6	Gunmetal	0.4
SHSTC-506	50 x 6	Gunmetal	0.98
SASTC-253	25 x 3	Aluminium	0.06



Oblong Test Clamp

Part No.	Conductor Size (mm)	Conductor Material	Weight Kg
SHOT-253	25 x 3	Gunmetal	0.29
SHOT-506	50 x 6	Gunmetal	0.98
SATC-253	25 x 3	Aluminium	0.12



Plate Type Test Clamp

Part No.	Conductor Size (mm)	Conductor Material	Weight Kg
SHTBC-2612	26 x 12	Gunmetal	0.62



Screwdown Test Clamp

Part No.	Conductor Size (mm)	Conductor Material	Weight Kg
SSDTC-253	25 x 3	Gunmetal	0.7



Bi-Metallic Connector

Part No.	Conductor Size (mm)	Weight Kg
SHBI-8	8mm dia Al to 8mm dia Cu	0.2
SHBI-825	8mm dia Al to 25 x 3mm Cu tape	0.2
SHBI-253	25 x 3mm Al tape to 25 x 3mm Cu tape	0.2

