



The SCHIRTEC Early Streamer Emission (E.S.E.) Lightning Conductor is characterized by reacting when lightning approaches, intercepting it earlier than any other element within its protection area in order to conduct it safely to the ground.

All SCHIRTEC E.S.E. Lightning Conductors are produced from high quality stainless steel and are tested by external laboratories.

Model	S-AS	S-A	S-DAS	S-DA
ΔT:	30 μs	60 μs	45 μs	60 μs
Size cm:	55 x 12	66 x 12	66 x 12	70 x 12
Weight:	2,6 kg	2,8kg	3,8 kg	4,1 kg

The SCHIRTEC E.S.E. Lightning Conductors are in accordance to the NF C 17-102 and similar E.S.E. Standards. The design requirements, protection level calculations and protection radius are obtained from this standard.

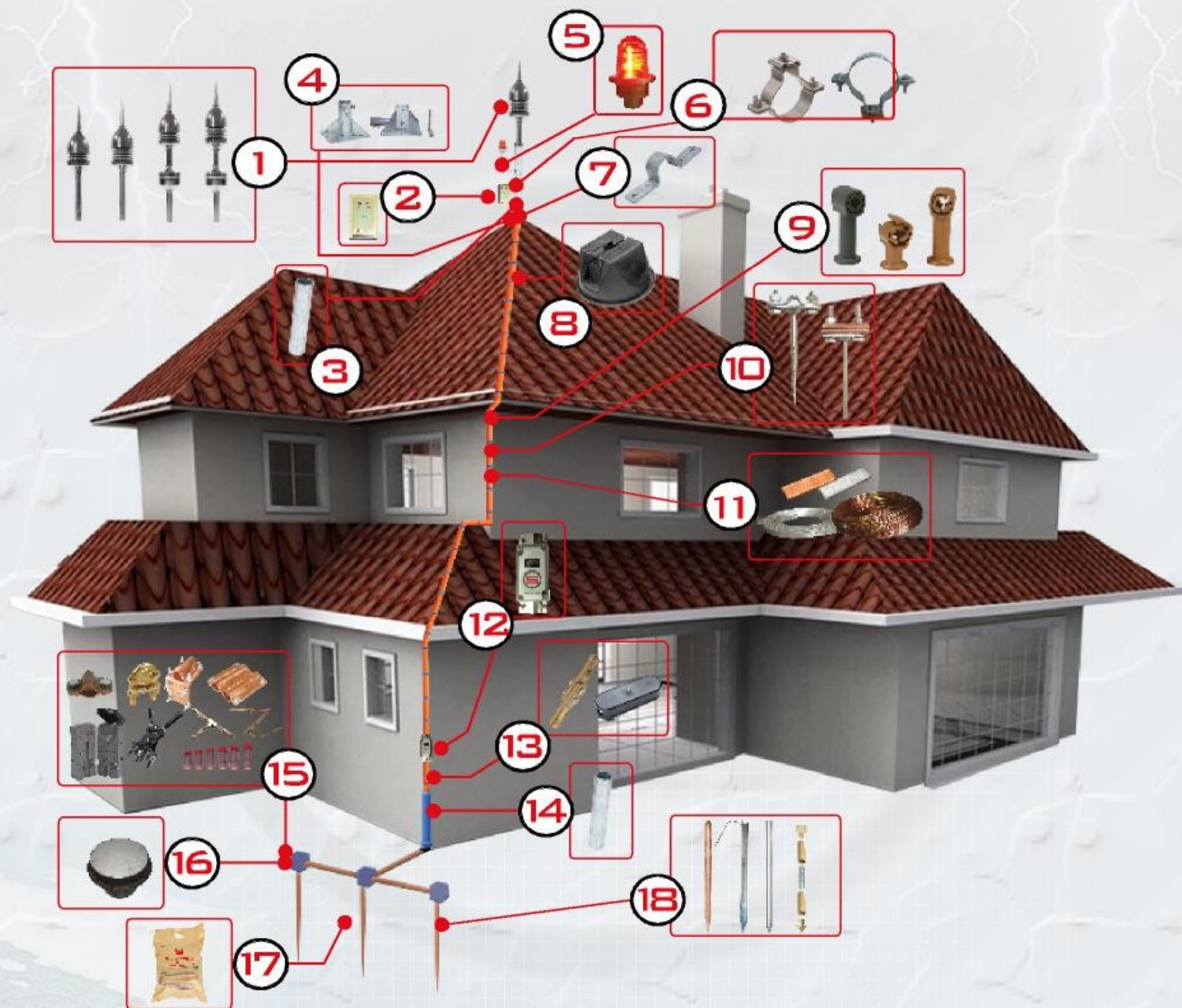
According to NF C 17-102 Ed. 2.0, the standard protection radius (R_p) of the SCHIRTEC E.S.E. is linked to ΔT , the protection levels I (98%), II (95%), III (90%) or IV (80%) and the height of the SCHIRTEC E.S.E. above the structure to be protected (H , as a minimum 2 m)

Rp(m)	S-AS (ΔL : 30m)				S-DAS (ΔL : 45m)				S-A / S-DA (ΔL : 60m)			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
h												
2	19	22	25	28	25	28	32	36	31	35	39	43
4	38	44	51	57	51	57	64	72	63	69	75	85
5	48	55	63	71	63	71	81	89	79	86	97	107
6	48	55	64	72	63	71	81	90	79	87	97	107
8	49	56	65	73	64	72	82	91	79	87	98	108
10	49	57	66	75	64	72	83	92	79	88	99	109
20	50	59	71	81	65	74	86	97	80	89	102	113
30	50	60	73	85	65	75	89	101	80	90	104	116
60	50	60	75	90	65	75	90	105	80	90	105	120



SCHIRTEC®

LIGHTNING CONDUCTORS & PRODUCTS



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| ① Lightning Conductors | ⑩ Wall Holders |
| ② Active Lightning Conductors Tester | ⑪ Down Conductors |
| ③ Galvanized Mast | ⑫ Lightning Strike Counter |
| ④ Mast Base | ⑬ Test Clamps |
| ⑤ Schirtec Led Beacon | ⑭ Protection Pipe |
| ⑥ Mast Clamp | ⑮ Earthing Rod Clamps and Exothermic Welding |
| ⑦ Mast Clip | ⑯ Plastik, Concrete Inspection Pits |
| ⑧ Plastic Holders for Isolet Floor/Roofs | ⑰ Schirtec Earthing Enhancement Material |
| ⑨ Plastic Holders for Isolated Walls | ⑱ Earthing Rods |

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