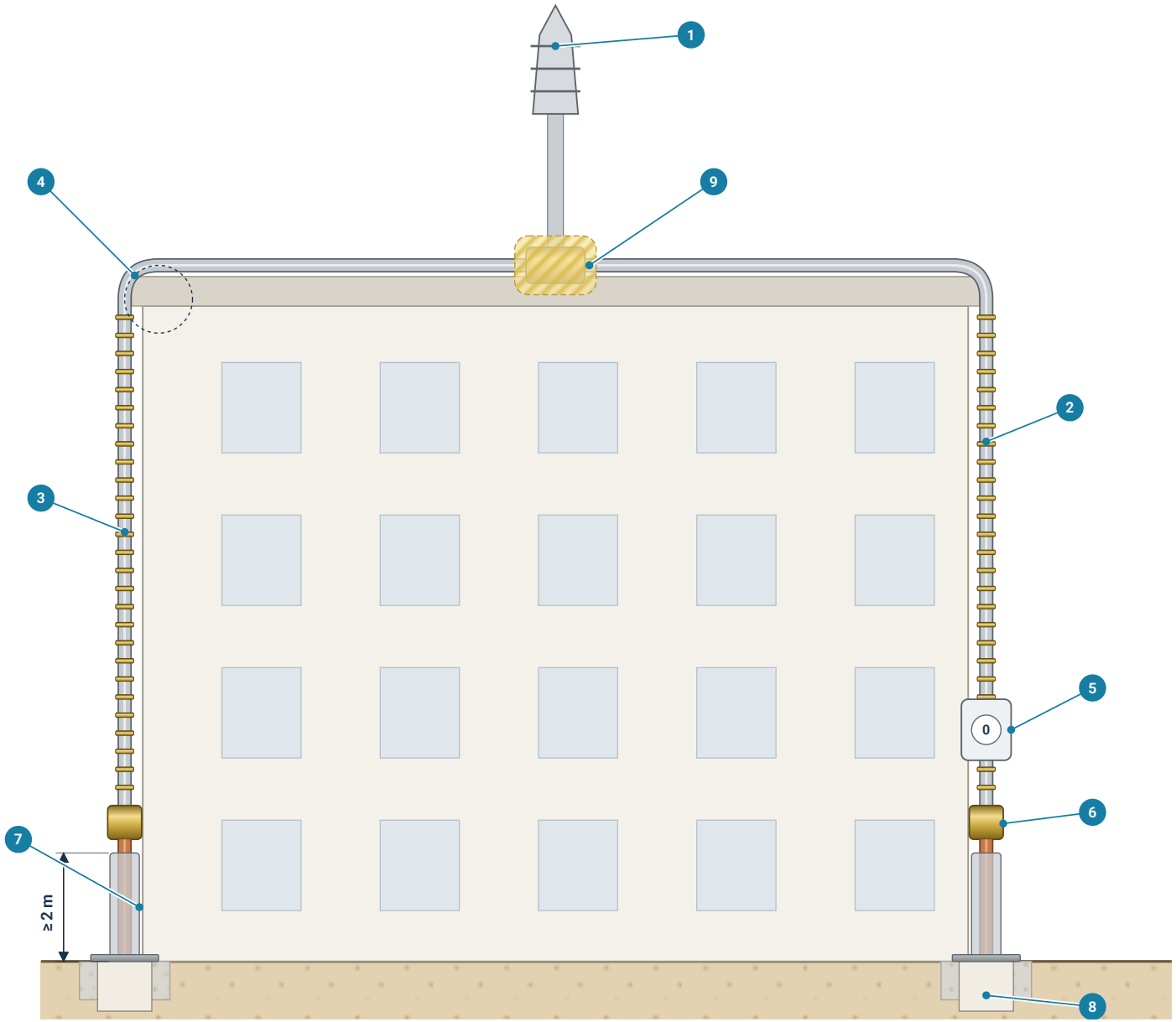
ESE down conductor with tinned copper tape

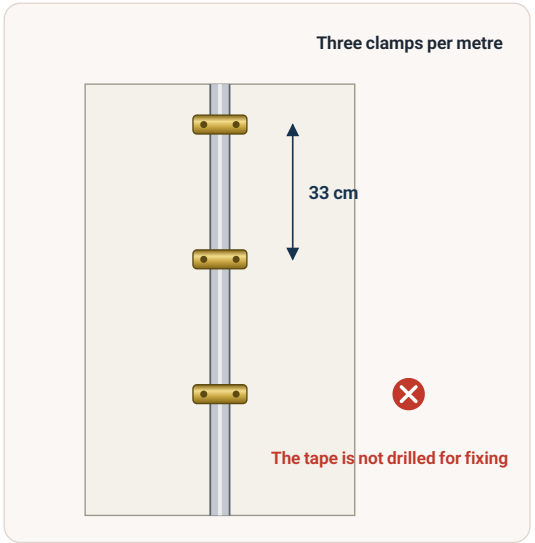
Building elevation, three fixings per metre and the bend over the parapet, per NF C 17-102

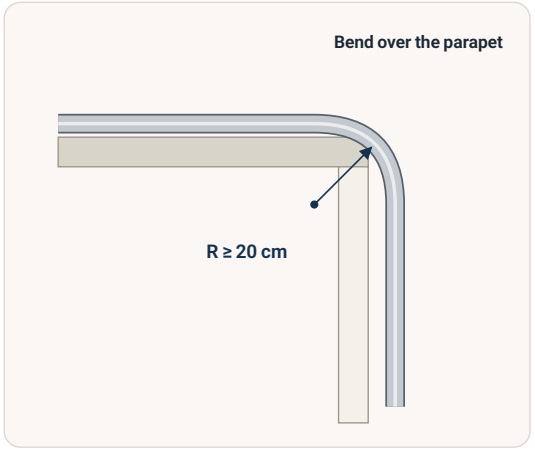
TIN-PLATED COPPER TAPE · TPBT 203–305

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Per NF C 17-102: in a non-isolated system, each ESE air terminal has at least two down conductors, preferably on two separate facades; a direct, short route; three fixings per metre; bend radius at least 20 cm; a protective tube up to at least 2 m high; a test joint on each down conductor.





1. ESE air terminal on a mast
2. Tinned tape down conductor; two conductors on two separate facades
3. Three fixings per metre; the tape is not drilled for fixing
4. Bend radius at least 20 cm
5. Lightning counter on the most direct down conductor
6. Test joint on each down conductor
7. Protective tube up to at least 2 m
8. Below the test joint: plain copper conductor down to the earth pit
9. Conductors connected to the mast base; joint covered

The schematic is illustrative and not to scale.

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www.kalot.ir • Tel +98 21 2268 8852