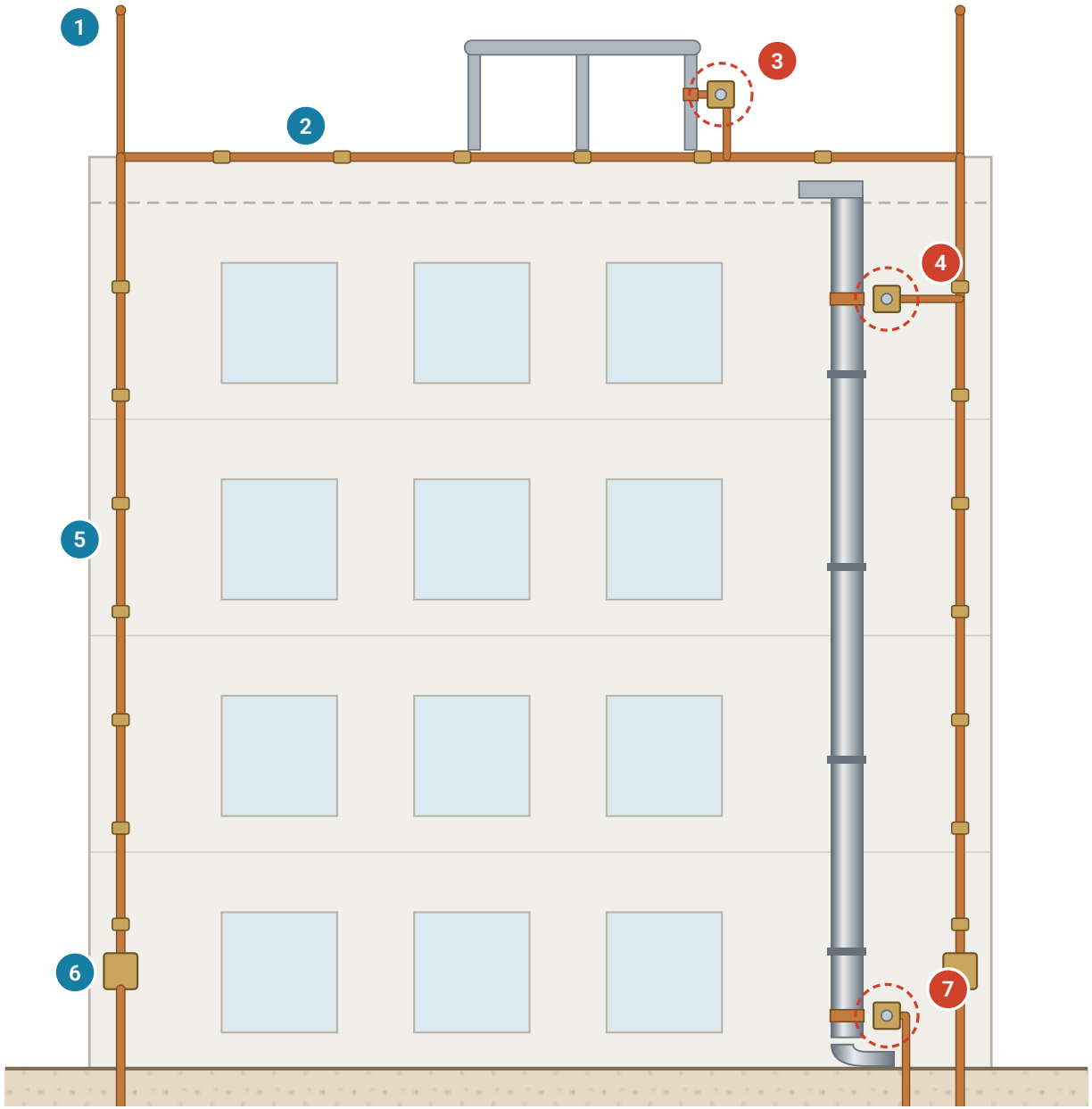
Lightning protection system: where the tape-to-pipe bonding clamp goes

Example of a flat-roof building · technical illustration · not to scale

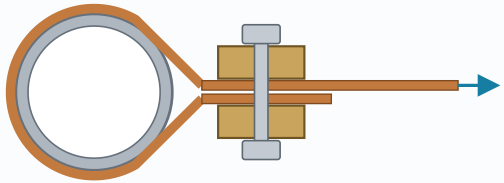
RWPB 026

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Details 4 and 7: top view (section)

Tape around the pipe, both ends between two jaws and one bolt

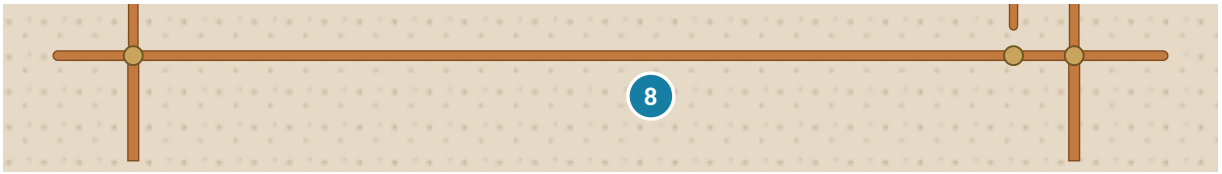


The metal pipe is not drilled; both tape ends at the bolt are drilled (per KALOT product text). The long end of the tape runs to the down conductor or earthing system.

System components in this example

1. Conventional air rod at the roof corners
2. Copper tape conductor on the parapet, with fixing clamps
3. **Bonding the metal roof railing: RWPB 026 clamp**
4. **Bonding at the top of the metal rainwater pipe: RWPB 026**
5. Tape down conductor with wall clamps
6. Test point (disconnector) on each down conductor
7. **Bonding the bottom of the rainwater pipe to earth: RWPB 026**
8. Earth ring and earth rods

Installation points of the two-piece tape-to-pipe bonding clamp



Layout, distances and sizes are examples, not design values;

the system designer sets the bonding points and separation distance

according to IEC 62305-3.

The figure is an example, not an execution design; the system designer sets the type and number of components.

Non-metallic pipes (such as PVC) are not conductors and are not bonded.

This document is not contractual; we may update product design, dimensions, weights and images without prior notice.

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