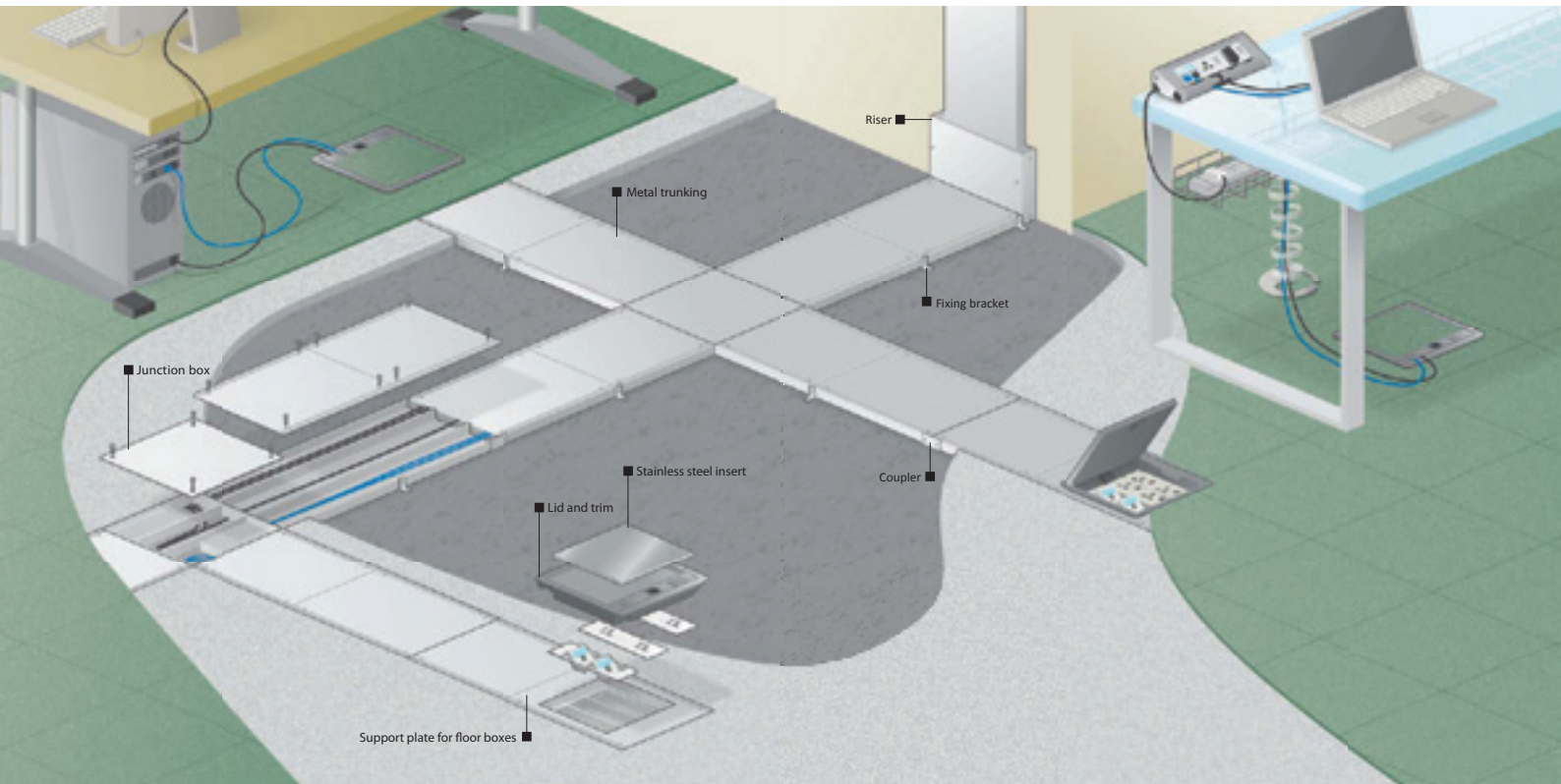


# FLUSH FLOOR TRUNKING SYSTEM

Flush floor trunking system combines robustness and reliability, allowing power and data distribution throughout concrete floors. The system facilitates frequent maintenance operations or eventual changes of floor box locations. Different accessories ensure quick installation and perfect integration into the concrete floor.



A Flush Floor Trunking system has a lesser loading capacity than an inscreed system, as the entire trunking is fixed flush with the finished floor. As loads constantly impinge on the floor trunking, the load bearing capacity of the system is reduced.

In a raised floor trunking system the boxes are the only load carrying components within the floor system.

The boxes are suspended within raised flooring, and are capable of carrying dynamic loads normally seen within floor spaces. The average design loads on floor distribution system are as shown below. As the traffic increases, the load expected to impinge on the floor boxes could increase, and increase the stress on the floor boxes. The system chosen should be capable of taking the following loads per square meter :

|                          |      |
|--------------------------|------|
| Commercial Office        | -3kN |
| Shopping Mall            | -6kN |
| Exhibition Halls         | -6kN |
| Conference Rooms / Hotel | -3kN |
| Corridors                | -5kN |

Flush floor trunking in screeded floor

