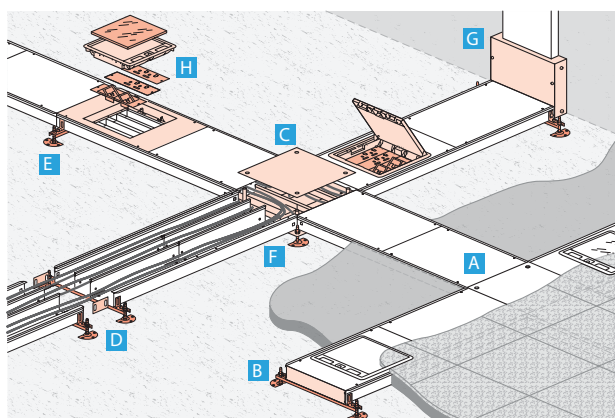


# FLUSH TRUNKING SYSTEM

## System overview



|          |  |
|----------|--|
| <b>A</b> | Trunking   |
| <b>B</b> | End cap  |
| <b>C</b> | Junction box   |
| <b>D</b> | Coupler and leveling kit   |
| <b>E</b> | Fixing bracket and leveling for trunking   |
| <b>F</b> | Leveling for junction box  |
| <b>G</b> | Riser  |
| <b>H</b> | Floor box (support plate + lid and trim) Socket outlets and data sockets plates to be ordered separately |

## Standards

Metal trunking according to standards EN 60-670 and EN 50085-2.2 It ensures constant performance along the entire distribution up to the user connection point

| Classification for flush floor |   | Flush floor  |
|--------------------------------|---|--|
| 6.2                            | Resistance to impact for installation and application                                   | 2.0 J  |
| 6.3                            | Minimum storage and transport temperature   | - 25 °C  |
| 6.3                            | Minimum installation and application temperature  | - 5 °C   |
| 6.3                            | Maximum application temperature   | + 60 °C  |
| 6.4                            | Resistance to flame propagation   | Non-flame propagating  |
| 6.5                            | Electrical continuity characteristics   | With electrical continuity characteristic (metal ducting & accessories)    |
| 6.6                            | Electrical insulating characteristics   | Without electrical insulating characteristic (metal ducting & accessories) |
| 6.7                            | Degree of protection provided by enclosure  | IP 20  |
| 6.9                            | System access cover retention   | With a tool  |
| 6.101                          | Floor treatment   | For dry-treatment of floor   |
| 6.102                          | Resistance to a vertical load applied over a small surface area                         | 1500 N <sup>(1)</sup>  |
| 6.103                          | Optional classification: resistance to vertical load applied through large surface area | 3000 N   |
| 6.103                          | Rated voltage   | 500 V  |
| 6.103                          | Protection against mechanical impact  | IK 08  |

(1) For 4 compartments, resistance to vertical load applied over a small surface area = 750 N

## Flush Trunking and Accessories

**Material:** pre-galvanised steel sheet

**Standard Length (L):** 2440 / 3000 mm

**Number of Compartments:** 3 and 4 compartments

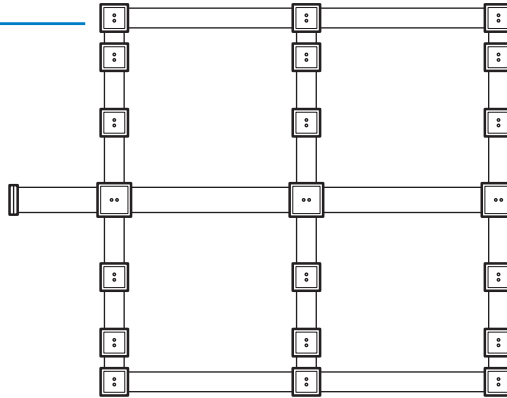
**Standard Height (H):** 65 mm

**Standard Thickness:** 1.5 mm for body/2.5 mm for covers/1 mm for dividers

### Example of Layout

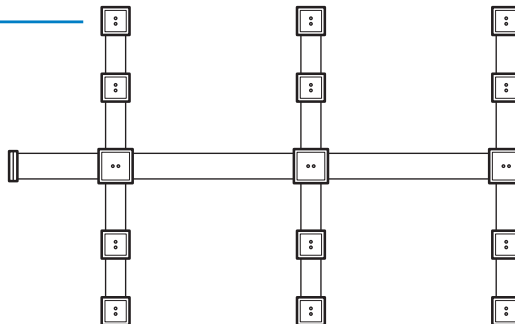
For optimal flexibility of the installation, the trunking is usually installed on either a Grid, Fishbone or a Comb Pattern of single, double or triple runs.

#### Grid Pattern



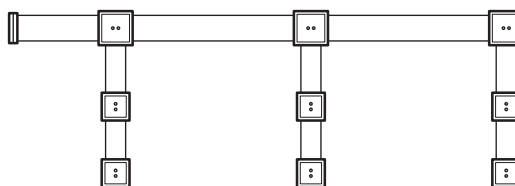
A Grid Pattern is widely used in areas where the occupants require the highest degree of flexibility in reconfiguring workspace. Capacity can be increased by returning individual ring mains through the different runs of trunking, which in itself allows easier installation.

#### Fishbone Pattern

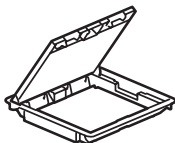
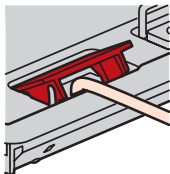
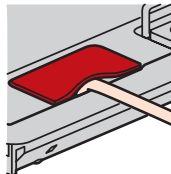



The Fishbone Pattern is ideal for a medium sized area where fewer boxes are required.

#### Comb Pattern



The Comb Pattern is the most economical way of installation in which a minimum of trunking is used. The Comb Pattern is suited for small to medium office areas.

| Lid and trim for floor boxes  |   |   |   |
|---|---|---|---|
| Floor box   | Rigid cable exits   | Flexible cable exits  | Stainless steel insert  |
|  |  |  |  |