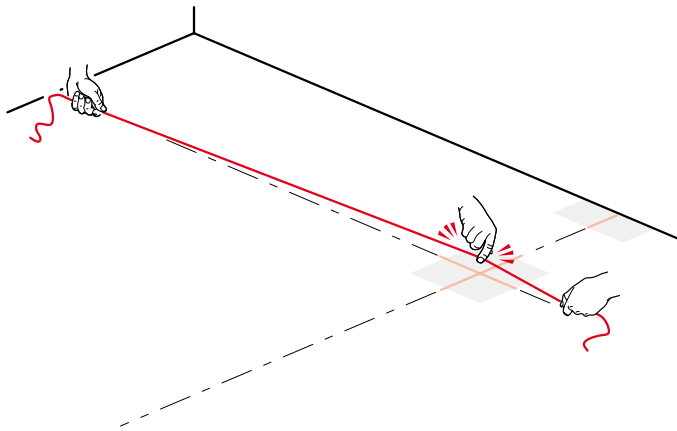


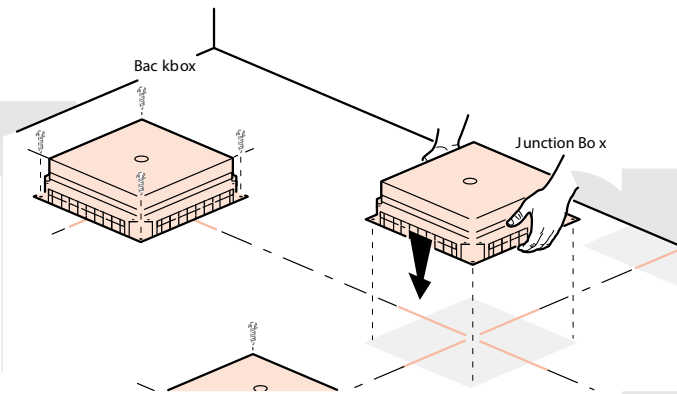
Raceways system for screed floor

■ Installation process

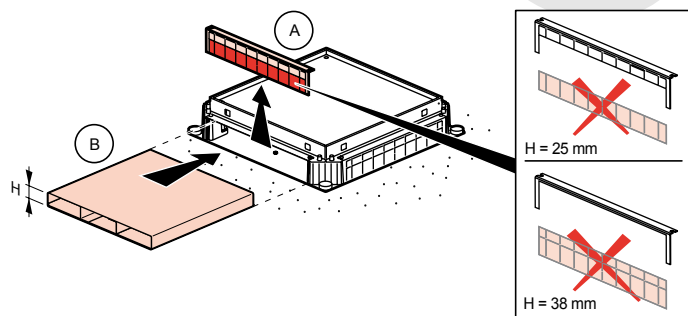
Mark the pathway for Raceways, junction boxes and backboxes.



Fix risers, junction boxes and backboxes on the slab.

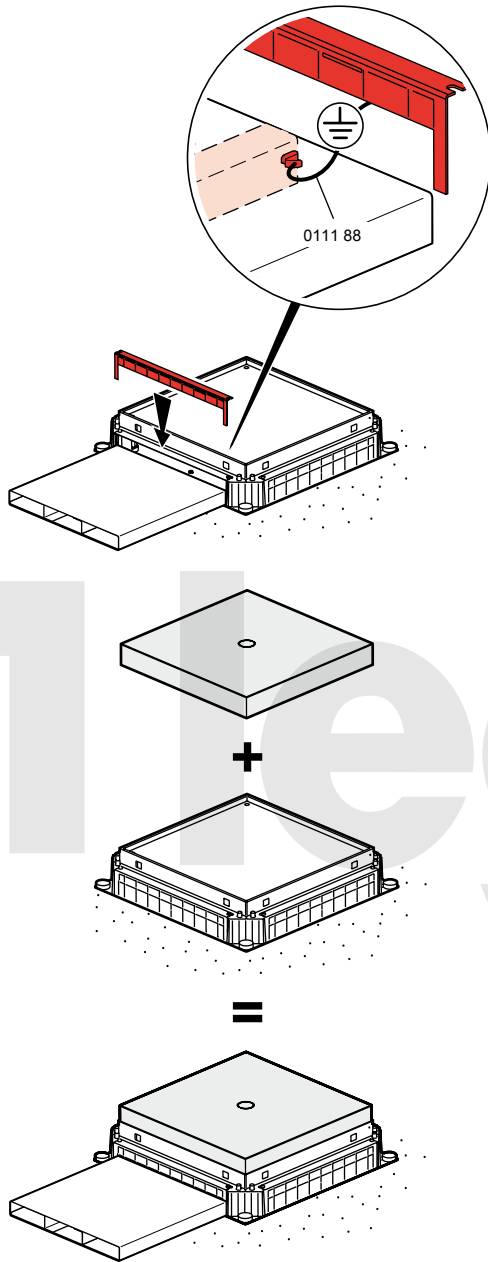


Remove knockouts as per Raceway dimension.

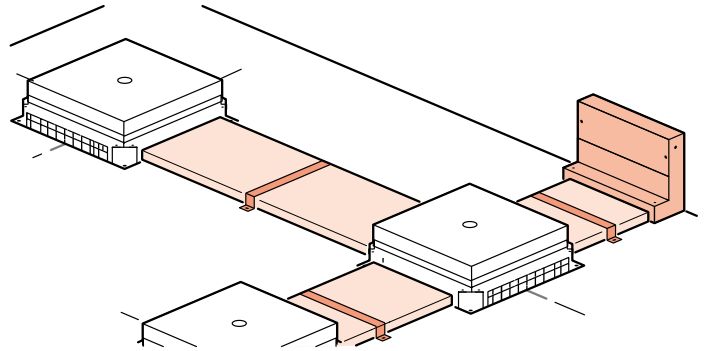


Installation process (continued)

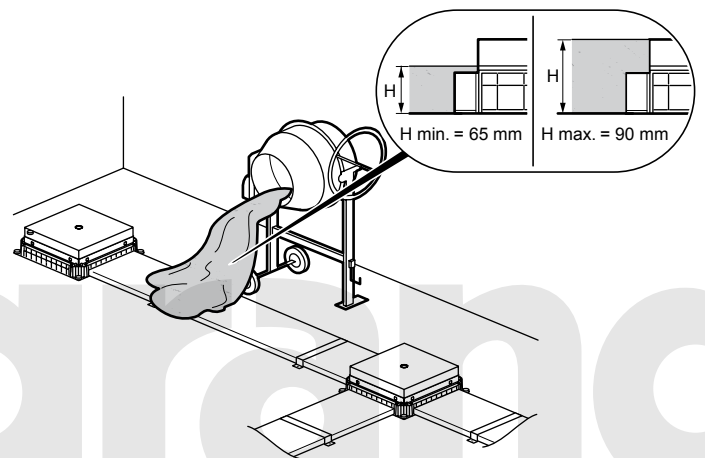
Connect the Raceways to the junction box & fix the knock out to fit the required Raceway.



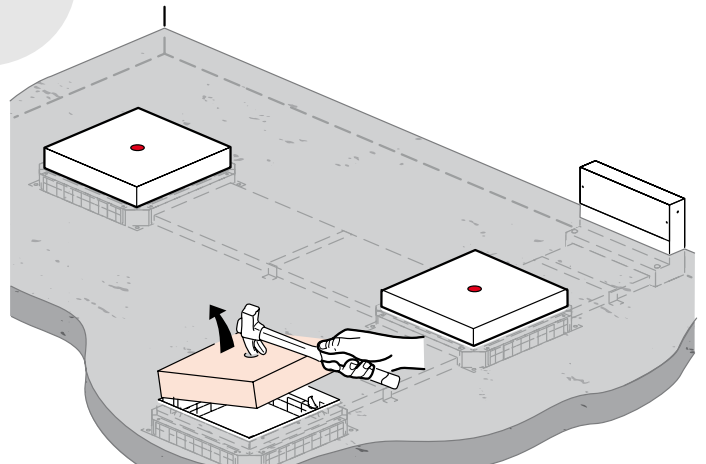
Fix Raceways with couplers and fixing brackets



Execute screeding



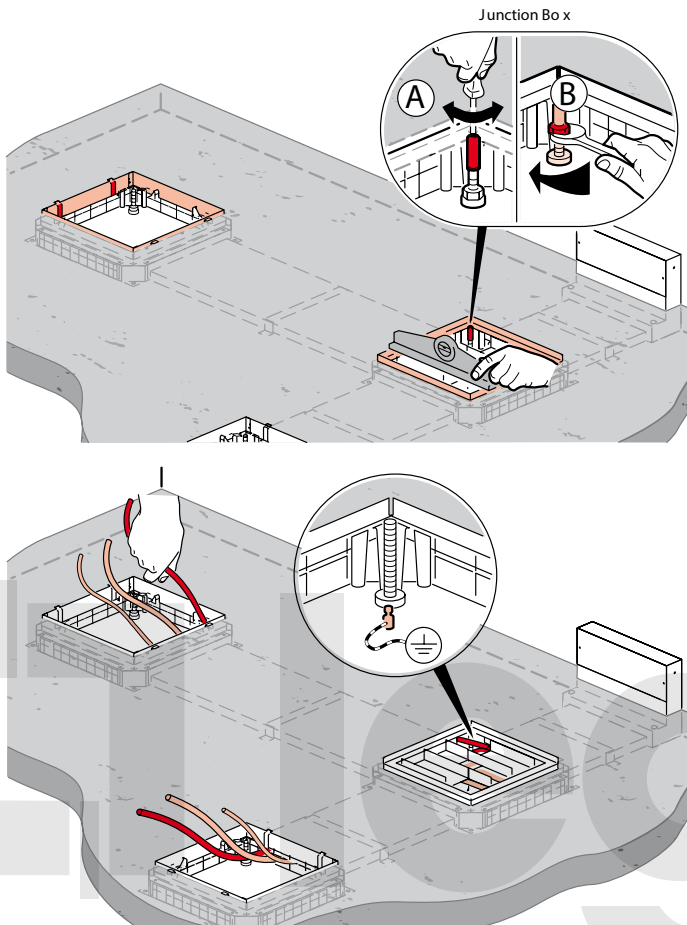
Remove disposable metal cover



Raceways system for screed floor

Installation process (continued)

Adjust junction box to floor level

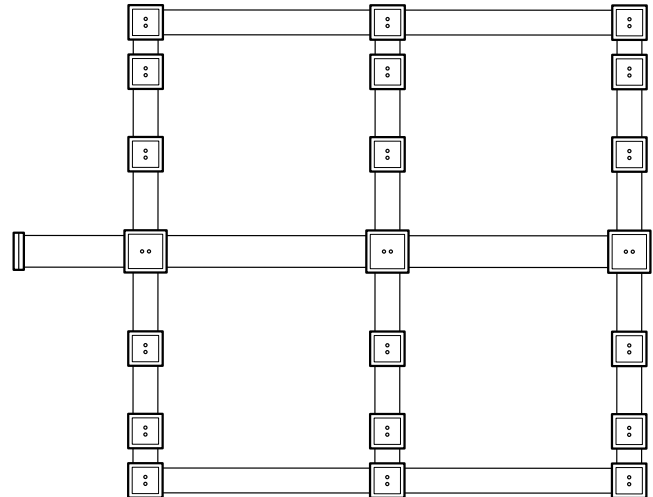


Backboxes and junction boxes don't need to be levelled to screed height. Height adjustment can be done after pouring screed.

Example of layout

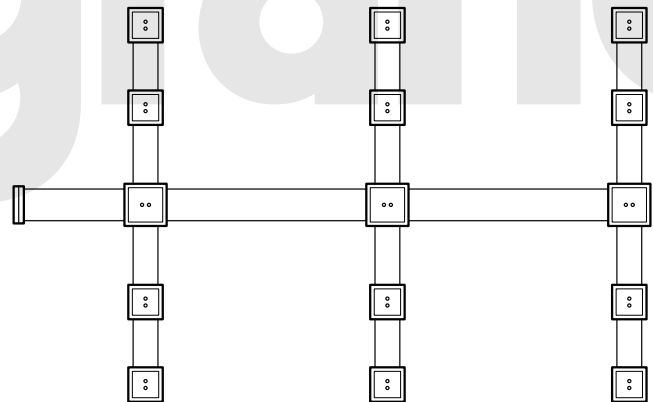
For optimal flexibility of the installation, the trunking is usually installed on either a Grid, Fishbone or a Comb Pattern of single, double or triple runs.

Grid Pattern



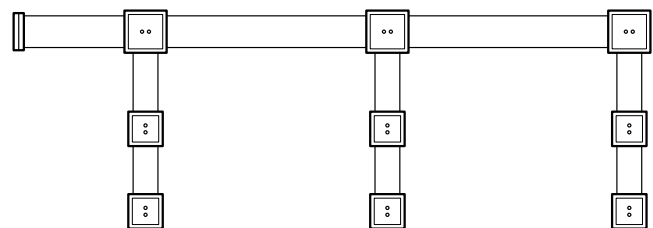
A Grid Pattern is widely used in areas where the occupants require the highest degree of flexibility in reconfiguring workspace. Capacity can be increased by returning individual ring mains through different runs of trunking, which in itself allows easier installation.

Fishbone Pattern



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

Comb Pattern



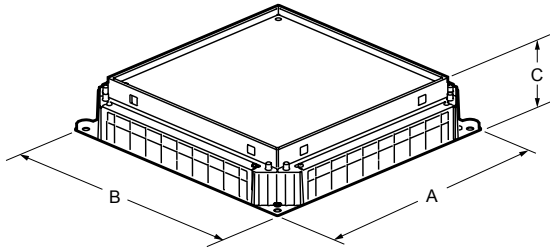
The Comb Pattern is the most economical way of installation in which a minimum of trunking is used. The Comb Pattern is suited for small to medium office areas.

junction box for screed floor

■ Dimensions

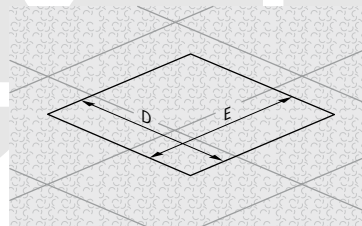
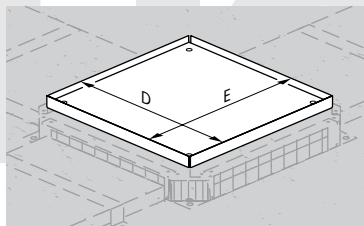
Junction box Cat.Nos 6896 10/11/12/13/14/15/16

The junction box should be positioned directly on the slab. It provides access to cables at the intersection of trunkings or changes of direction. The junction box allows deviation of power and data cables. Screed height should be between 65 to 90 mm. Junction boxes are supplied with a base with flyovers and a lid. A disposable cover protection is available as an option. Side plates are pierced to suit Raceways.



Dimensions (mm)

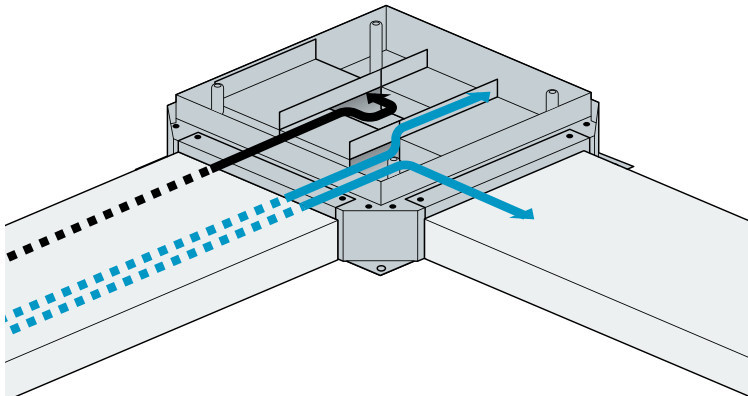
Cat.Nos	A	B	C
6896 10	252	252	65-90
6896 11/14	325	325	65-90
6896 12/15	402	402	65-90
6896 13/16	500	500	65-90



Dimensions (mm) for carpet cut out

Cat.Nos	D	E
6896 10	192.5	192.5
6896 11/14	263	263
6896 12/15	340	340
6896 13/16	437	437

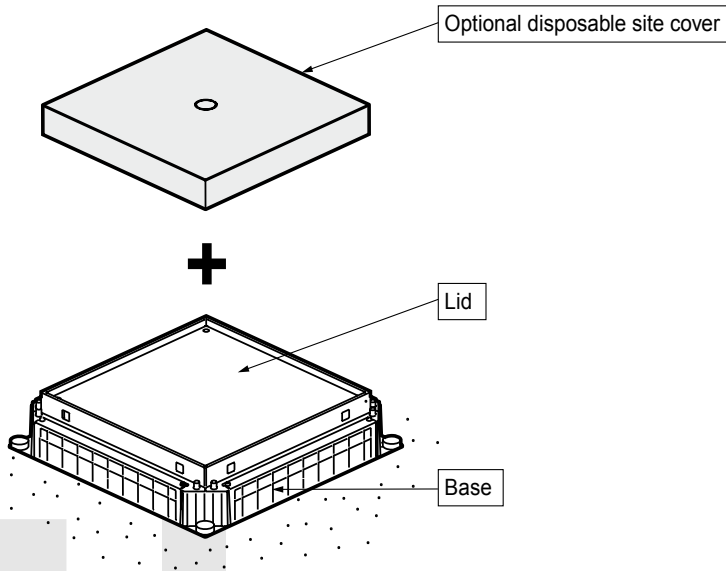
Note: junction box with flyovers include for Cat.Nos 6896 14/15/16



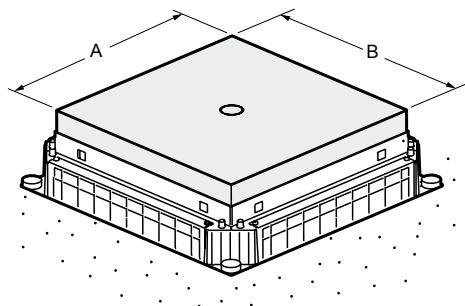
junction box for screed floor

■ Dimensions (continued)

Junction box Cat.Nos 6896 10/11/12/13 &
Mask Cat.No 6896 18/19/20/21



Raceways	150 mm max.	225 mm max.	300 mm max.	400 mm max.			
Disposable site cover	6896 18	6896 19	6896 20	6896 21			
Junction box	6896 10	6896 11	6896 14	6896 12	6896 15	6896 13	6896 16
	A (mm)	B (mm)	A (mm)	B (mm)	A (mm)	B (mm)	A (mm)
	198	198	287	267	348	348	446



The junction box includes a base, flyovers, lid and the disposable cover protection. The junction box is designed to suit Raceways allows cables to be pulled over long distances.