

Installation of UNIRAIL

Installing UNIRAIL 40-60 Screed Rails using concrete dabs:

1. Place a stringline, or mark out the line the rail is to be installed along.
2. Place dabs of concrete or screed mix at regular intervals along the line, ensuring that there is one where the rails connect together.
3. Place the rails in line and tap gently down into the concrete dabs.
4. Using either an optical sight, laser and spirit level, ensure that the rails are levelled at the correct height, tapping down as required – taking care not to tap down too far into the concrete dabs.
5. Clean off the excess concrete around the screed rail and allow concrete dabs to cure.
6. Place ties or dowels if required, through the apertures in the rails, ensuring that sufficient are used to withstand the shrinkage forces or transfer the load if required.
7. Fill the area between the rails with the screed and strike off level – close the surface of the screed with a trowel or float as required to achieve the desired finish.

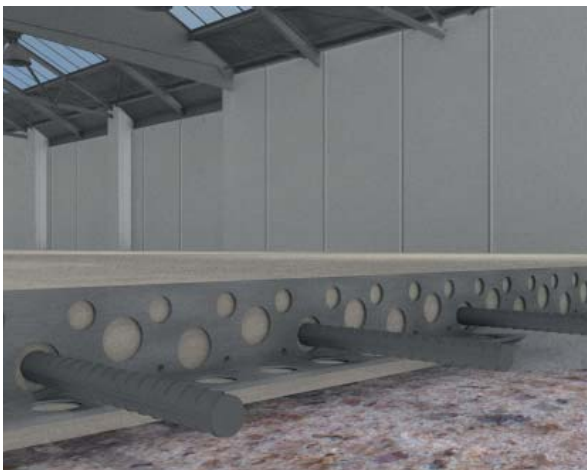
Setting UNIRAIL 40-60 on concrete or screed mix dabs.



Adjusting UNIRAIL 40-60 for height using an optical sight level and measuring staff.



Adding tie bars or dowels if required.



Surface of slab after pouring both sides of screed.



Installing UNIRAIL 70-120 Screed Rails Using the Slotted Feet:

1. Place a stringline or mark out the line the rail is to be installed along.
2. Insert the feet into the Unirail 40-60 Screed rail, at the required fixing distances (recommended at a minimum of 600mm centres) – taking care to choose the appropriate slotted side i.e. either the 40 mm side or the 60 mm side.
3. The feet can be slotted in facing alternate directions, to improve stability at higher settings, or all facing one direction if required.
4. Align the feet with the small screw fixing hole in the rail body (at least one hole per foot), this will make fitting the locking screw easier when the height has been set,
5. Position rails with feet fitted into position on the sub base or slab – screw or nail through the feet into the slab or sub base, making sure that the feet are fixed down securely.
6. Using either an optical sight, or Laser level, with a spirit level, ensure that the rails are levelled at the correct height.
7. Using a self-tapping screw through the small holes provided in the UNIRAIL 40-60 rail (already aligned with a slot in the foot), tighten down and lock off rail at the desired height.
8. Place ties or dowels as required, through the apertures in the rails, ensuring that sufficient are used to withstand the shrinkage forces or transfer the load as required.
9. Simply fill the area between the rails with the screed and strike off level – close the surface of the screed with a trowel or float as required to achieve the desired finish.

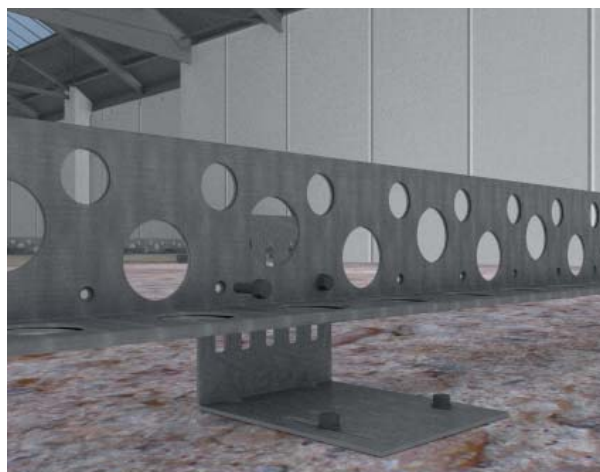
Adding feet to UNIRAIL 40-60 to become UNIRAIL 70-120



Adjusting UNIRAIL 70-120 for height using an optical sight level and measuring staff.



Screws in position after leveling to ensure rails are locked at correct level and position.



Adding tie bars or dowels if required.



Surface of slab after pouring both sides of screed.



***Addendum: When Plastic TOPEXTENDER is used**

The plastic TOPEXTENDER can be installed to the top of the Unirail, simply tap firmly down into position – for best results ensure that the cap is fitted across where the joints butt below, this will smooth out any discrepancies in the installed rails. The TOPEXTENDER can either be removed if required, once the screed has cured, or left in position to be used instead of a joint filler in the finished floor.

